

FALL 2013

LCC CLASS SCHEDULE



FALL CLASSES BEGIN SEPTEMBER 23rd



Future Engineers On Board!

Members of the Lower Columbia College Engineering Club test their newly-acquired skills each July by designing and building an entry for the Annual Cardboard Regatta.



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LCC Office Hours

Summer Office Hours

Closed Fridays, June 28–August 31

Regular Hours: Monday–Friday, 8 a.m.–5 p.m.

Registration and Entry Center—

Monday–Thursday

Fridays

Cashiering—

Monday–Thursday

Fridays

Financial Aid hours are the same as Registration, except

Wednesdays, when professional staff are only available from 11 a.m. until 2 p.m.

Student staff can provide limited assistance the rest of the day. Limited help hours give professional staff uninterrupted time to process aid requests and do necessary federal and state reporting.

Sept. 9-12 & 16-19 (Monday–Thursday)

Advising, Financial Aid, and Registration will stay open until 6 p.m. to serve you. Cashiering will stay open until 5:30 p.m.

Volume 5, No. 4, Fall 2013. LCC Class Schedule (USPS 025-007) is published four times a year (November, February, April and June) by Lower Columbia College. The Lower Columbia College Office of College Relations and Marketing is located at 1600 Maple Street, Longview, WA 98632-0310. Periodicals postage paid at Longview, WA and at additional mailing offices. POSTMASTER: Send address changes to Lower Columbia College, 1600 Maple Street, Longview, WA 98632-0310.

Equal Opportunity, Affirmative Action, and Reasonable Accommodation

It is the policy of Lower Columbia College to provide equal opportunity in education and employment regardless of sex, race, color, marital status, creed, age, national origin, sexual orientation, veteran status, religious preference, or the presence of any sensory, mental, or physical disability.

Lea esta política en español al:

lowercolumbia.edu/affirmativeaction

The Title IX Equal Opportunity Officer and Section 504 Disability and ADA Coordinator is Lisa Matye Edwards. Her office is in the LCC Admissions Center, Room 159; her telephone number is 360.442.2301.

To request accommodations for a disability in the application process, students should contact the Disability Support Services office in Admissions Center Room 143 at least three days in advance: voice 360.442.2341, TTY 360.442.2344, or email mjasurda@lowercolumbia.edu.

Alternative format of this document is available upon request. Please contact Disability Support Services.

About This Schedule:

Every effort is made to ensure that the information in this course schedule is accurate at the time of publication. The College reserves the right to change its class offerings as necessary. For the latest information, please check the online class schedule at lowercolumbia.edu/classes

LCC mails class schedules to all households in Cowlitz County four times each year to inform residents about college programs and services. Because they are addressed to "Residential Customer," we are unable to remove individuals from our distribution route. Schedules can be recycled with your newspapers.

LCC University Center Provides Home for Local Bachelor's Degrees

Beginning Fall 2013, local residents can earn a bachelor's degree without leaving Longview through the new Lower Columbia College University Center. LCC's primary education partner at the center will be Eastern Washington University. Two EWU degrees will be offered through the center starting in Fall 2013, the Bachelor of Arts in Interdisciplinary Studies and the Bachelor of Science in Applied Technology.

To enter the Interdisciplinary Studies program, students must complete an Associate in Arts Direct Transfer Agreement degree. In the program, students combine studies from multiple areas such as communications, psychology, sociology, business, and computer science into a comprehensive degree that is flexible and engaging.

Ideal for students who prefer a multidisciplinary major, this option combines 60 upper division credits from two or three academic departments, programs or certificates. The program of study emphasizes cognitive skills, theoretical and research abilities, and content knowledge related to the student's career goals or graduate studies.

Students who have completed (or plan to complete) LCC's two-year associate degree in Information Technology Systems (formerly called Computing Specialist) are eligible to move directly into EWU's program leading to a Bachelor of Science in Applied Technology. This degree allows students to continue their education by taking additional advanced technology courses, general education coursework, and supporting courses to complete a bachelor of science degree.

Advising staff from Eastern will be available in the LCC University Center, located in the Alan Thompson Library, to assist local students with admission, financial aid, and registration processes. The center is scheduled to open in July. Currently, LCC advising staff can direct students planning to begin classes this Fall to EWU advisors. For more information visit: lowercolumbia.edu/ewu

In Fall 2014, Eastern will offer a BA in Business Administration through the LCC University Center. LCC advisors can assist students with completing the appropriate courses to prepare to enter that program.

For students interested in transferring to Washington State University Vancouver, a WSU Vancouver advisor is available at LCC Advising Center twice each month. Make an appointment through the Entry Center, entry@lowercolumbia.edu or 360.442.2311.

Additional bachelor degree programs available through the center are:

- BA in Elementary Education, City University of Seattle
- BA in Early Childhood Education, Concordia University
- BS in Nursing, Washington State University Vancouver – Coming Fall 2014

For more information, go to lowercolumbia.edu/bachelors



Above, students receive information about transferring into bachelor's degree programs during EWU @ LCC Day. Left, remodeling is underway to create the new LCC University Center in the Alan Thompson Library. The Center is scheduled to open in July.

Class Full? Get on the Waitlist!

When a class is full, you may choose to be added to the waitlist. If openings occur through the third day of the quarter (September 25), you'll be automatically moved from the waitlist into the class. Only students on the waitlist may fill open seats.

Being on the waitlist does not guarantee that you'll get in, or that a new section will be made available. Tuition and fee charges will not include waitlisted classes until you are registered in them. Check your waitlist status at lowercolumbia.edu/kiosk

Diversity Classes

To earn a degree at LCC, you must pass a 5-credit Cultural Diversity class. These Fall courses meet the requirement.

Course No.	Course Title
ART& 100:	Art Appreciation
ART 228:	History of Western Art
BUS 144:	Management of Human Relations
DRMA& 101:	Introduction to Theatre (as part of the Integrated Studies for fall)
EDUC& 205:	Intro to Education w/Field Experience
ENGL 205:	Film and Drama Appreciation
ENVS 150:	Environment & Society
HIST& 126:	World Civilization I
HIST& 128:	World Civilization III
HUM 164:	Cultural Journeys
MUSC 119:	American Music
SOC& 101:	Introduction to Sociology
SPAN& 121:	Spanish I
SPAN& 122:	Spanish II
SPAN& 123:	Spanish III

Fall 2013 Final Exam Schedule (December 10-12)

Use this chart to determine your final exam time. Schedules are online at lowercolumbia.edu/finals

Class begins between	On these days	Your final exam time will be	On this date
7:00a.m.-8:20a.m.	M, MWF, MW, W, Daily	8:00a.m.-10:00a.m.	December 10
7:00a.m.-8:20a.m.	MTWTh, MTWF, MWThF, TTh	8:00a.m.-10:00a.m.	December 11
9:00a.m.-9:50a.m.	TTh, MTWTh	8:00a.m.-10:00a.m.	December 12
9:00a.m.-9:50a.m.	MWF, MW, Daily	10:10a.m.-12:10p.m.	December 10
9:55a.m.-10:50a.m.	MW, MWF, Daily	10:10a.m.-12:10p.m.	December 11
11:00a.m.-11:55a.m.	MWThF, TTh, MTWTh	10:10a.m.-12:10p.m.	December 12
11:00a.m.-11:55a.m.	MW, MWF, Daily	12:20p.m.-2:20p.m.	December 10
12:00p.m.-12:55p.m.	MW, Daily, MWThF	12:20p.m.-2:20p.m.	December 11
1:00p.m.-2:00p.m.	MWF, MW, W, MTWTh, Daily, MTWF	12:20p.m.-2:20p.m.	December 12
1:00p.m.-2:30p.m.	TTh, Th, T	2:30p.m.-4:30p.m.	December 10
2:40p.m.-4:00p.m.	MWF, MW, M, W	2:30p.m.-4:30p.m.	December 11
2:40p.m.-4:00p.m.	T, TTh	2:30p.m.-4:30p.m.	December 12
*Classes that conflict with other finals	Such as: 10-10:50 Th, 11-11:50 MWF, 11:10-12 MWF, 12:25-1:15 MWF	Please contact your instructor for your final exam time	
5:00 p.m.-10:00 p.m.	All Times	During Class	Ask Instructor

Evening classes meeting once a week will take their final exam at the regular class time during finals week. Evening classes meeting more than once a week will take the final exam at the regular class time on whichever day during finals week the class agrees upon.

Students are not required to take final exams for more than two classes on a single day. Students may petition the Vice President for Instruction for other final examination arrangements if such a conflict arises, after first contacting the instructor. Exam priorities shall be based on class meeting day order first, then meeting time.

Final exams will be administered on the day designated on the final exam schedule. To deviate from the scheduled day, approval must be obtained from the Vice President for Instruction. Time changes, unanimously approved by the class, are acceptable.

For any classes that conflict with other final exams, please talk to your instructor for more information.

GENERAL INFORMATION

■ ADVISING

New students may contact entry advisors daily through the Entry Center in the Admissions Center. Returning students should contact their advisors at lowercolumbia.edu/directory or the Entry Center if they have questions.

360.442.2311 entry@lowercolumbia.edu

■ CAREER AND EMPLOYMENT SERVICES

Assess your interests, explore careers, research training, find openings in your field, and get help with career planning in the Admissions Center.

360.442.2330 lowercolumbia.edu/careercenter

■ CHILD CARE/PRESCHOOL

Child care for children, one month to six years, is available for LCC students, staff, faculty, and community members in Home and Family Life. Children are cared for in a quality environment while learning skills and concepts based on best practices and current research in Early Childhood Education.

360.442.2890 lowercolumbia.edu/childcare

■ COOPERATIVE EDUCATION

Contracted work experience related to a degree or certificate program coordinated with the employer, instructor/coordinator, and student to meet specific learning objectives. See page 21 for classes.

■ COUNSELING CENTER

Counselors help students with academic, personal, and crisis situations. Find out about student success groups too.

360.442.2311 lowercolumbia.edu/counseling

■ DINING

Student Center Café: Monday–Friday 8 a.m.–2 p.m.; Espresso Bar: Opens 7:30 a.m. Monday–Friday; Rose Center Encore Concessions: Monday–Thursday 8 a.m.–3 p.m., Friday closes 2 p.m.

lowercolumbia.edu/cafe

■ DISABILITY SUPPORT SERVICES

If you have a disability, the Disability Support Services Office in Admissions Center Room 143, may be able to provide reasonable accommodation, arrange auxiliary aids, advising, admission, registration, referrals, counseling, educational and vocational planning and voter registration.

360.442.2341 lowercolumbia.edu/disability

■ FINANCIAL AID

Apply early for financial aid; processing takes 3-6 weeks. Priority Application deadline for Fall quarter is August 12. Details on page 9.

360.442.2390 lowercolumbia.edu/finaid

■ GED TESTING

GED testing at LCC is now all computer based. What does this mean for you?

- Register, schedule, and pay online 24/7
- Get your test results immediately
- Computer based testing has a higher pass rate versus paper testing: 88% vs. 71%

For test and orientation dates: lowercolumbia.edu/ged or 360.442.2353

Important Note: The current version of the GED test will expire at the end of 2013. Those who have not successfully passed all five sections of the GED exam by the end of 2013 will have to restart all tests using the new 2014 version of the GED exam. Please note that all fees paid, including vouchers and waivers, will also expire at the end of 2013, and are non-refundable.

■ INSURANCE AVAILABLE TO STUDENTS

LCC offers an accident and sickness insurance plan designed for students. Brochures are available in the Admission Center.

■ LEARNING COMMONS AND LIBRARY

Hours: Monday–Thursday 7:30 a.m.–6 p.m.

Closed Friday, Saturday, Sundays, holidays, and between quarters.
lowercolumbia.edu/learningcommons

■ PLACEMENT ASSESSMENT

Students enrolling in degree/certificate programs must take a placement assessment in reading, writing, and math. Placement assessments are offered in the Admissions Center testing lab, open 8 a.m.–5 p.m. Monday–Thursday. Testing takes approximately 3 hours and is done on a drop-in basis; no appointment necessary. The cost is included in the \$30 new student fee.

360.442.2353 lowercolumbia.edu/placement

■ RUNNING START

High School juniors and seniors may be eligible to take college classes for credit toward both their high school diploma and their college degree program. Advance planning is required.

360.442.2352 lowercolumbia.edu/runningstart

■ TECH PREP/CAREER PATHWAYS

High school students can take specific high school courses and receive credit toward both their high school diploma and LCC degree. See your high school counselor for details.

lowercolumbia.edu/techprep

■ TUTORING SERVICES

Tutoring Services provides one-on-one and small group sessions in nearly every discipline. Tutors can assist with specific course content, plus general study skills, such as time management, lecture note-taking and textbook reading. Tutoring is offered in the Learning Commons: Monday–Thursday 8 a.m.–6 p.m.

lowercolumbia.edu/tutoring

■ WITHDRAWAL

If you leave a class without completing it, withdraw or arrange an “incomplete” with your instructor in order to avoid receiving a poor final grade. Forms and information are available in the Registration Office. Check withdrawal deadlines on page 6. If your class ends before the end of the quarter, you may withdraw through the last day of instruction for that class.

■ WORKER RETRAINING

For dislocated workers and others seeking employment, training orientations are offered from 1:30-2:30 p.m. every Monday (except holidays), Admissions Center, Room 120.

360.442.2330 workerretraining@lowercolumbia.edu

HOW TO REGISTER

Planning to get a degree or certificate?

Current Students

Registration is now open for both current and new students.

- 1. Find out your earliest registration date/time** at lowercolumbia.edu/kiosk. Student ID Number and Global PIN required. Retrieve them at lowercolumbia.edu/student portal.
- 2. Meet with your program advisor** to plan your Winter class schedule and get your Quarterly Registration PIN. If you have not received an email listing your program advisor, contact the Entry Center.
- 3. Register** online at lowercolumbia.edu/kiosk or in person at Registration. Students taking more than 18 credits must register in person.
- 4. Pay your tuition and fees** by Friday of the week you register. You may pay online with a credit or debit card at lowercolumbia.edu/kiosk or in person at the Cashier. See Delayed Tuition Payment options on page 9.

Which PIN Do You Need?

Global PIN—Received from Registration. Use to log in for most services at lowercolumbia.edu/kiosk.

Quarterly Registration PIN—Received from your advisor before priority registration; also at **kiosk** during open registration. You need a new one each quarter to register for classes.

Fall Dates and Deadlines

Priority Registration for Fall begins.....	June 3
Open Registration for Fall begins.....	June 10
Priority application deadline for Fall financial aid	August 12
Fall tuition due (if you register by this date)	August 16
Last day to arrange Fall Administrative Hold.....	September 3
Last day to apply for Fall Admission	September 27
Fall tuition deferment payment due.....	September 17
First day of classes	September 23
Last day of online registration.....	September 25
Last day to register/add classes	September 27
Last day for 100% tuition refund.....	September 27
Last day for 50% tuition refund.....	October 7
Last day to apply for Fall graduation	October 22
Veterans Day holiday	November 11
Last day to withdraw from classes.....	November 15
Thanksgiving Holidays.....	November 28–29
Last day of Fall classes.....	December 6
Fall finals	December 10-12

Cashier, the Entry Center, Financial Aid, Advising, Registration, and Testing are located in the Admissions Center.

Questions? Contact the Entry Center, entry@lowercolumbia.edu, phone 442.2311 or toll-free 1.866.900.2311.

New Students

Registration is now open for both current and new students. Staff assistance and computers are available in the Admissions Center.

- 1. Apply for admission**
Online at lowercolumbia.edu/applynow or in person at the Entry Center.
- 2. Apply for financial aid, if needed.**
Go to lowercolumbia.edu/financialaid for instructions and forms. More information on page 9.
- 3. Determine your program**
Visit the Career Center to take an interest assessment, explore careers, and access career resources. The results will help you choose a program leading to a career that is right for you. At the Center, or from your own computer, print out a copy of the program planner(s) for the program(s) of study that interest you. Go to lowercolumbia.edu/programplanners.
- 4. Practice and take a placement test**
Students planning to earn a degree or certificate or transfer to a four-year institution need to have skill levels assessed before registering for classes. Placement assessments are given at the Admissions Center testing lab. Testing takes approximately 3 hours. Recommendations based on your results help you select the right classes. For more information and practice materials, go to lowercolumbia.edu/placement.
- 5. Sign up and attend orientation for advising and to register**
Make an appointment by going to lowercolumbia.edu/gettingstarted and select the link for new students. Advisors will be available and you can also register for classes during orientation. Do some advance planning: bring your program planner(s) and placement test scores, browse the online class schedule, and map out the time you have available for classes and studying.
- 6. Pay your tuition and fees** by 5 p.m. Friday of the week you register. You may pay online with a credit or debit card at lowercolumbia.edu/kiosk or in person at the Cashier's window in the Admissions Center. If you need more time to pay, see Delayed Tuition Payment options on page 9.

Not planning a degree or certificate?

Register at Registration starting June 17. Pay your tuition at the Cashier, pay online or set up a payment plan at lowercolumbia.edu/kiosk

Non-credit classes: Continuing Education class listings and registration information begin on page 39.

ONLINE REGISTRATION & PAYMENT

1. Check Your Registration Date and Time

Go to lowercolumbia.edu/kiosk. Choose registration date/time. Log in with your Student ID Number and Global PIN. Schedule an appointment and meet with your Program Advisor 1–2 weeks before you register to select your classes and receive your Quarterly Registration PIN.

2. To Register Online

Besides your class list, you'll need your Student ID Number and Quarterly Registration PIN. For classes that require instructor permission, you'll need an Entry Code.

Go to lowercolumbia.edu/kiosk and select Register Online. Follow the instructions and complete your schedule. Don't forget to print your schedule before you leave. If you attempt to register for two classes that meet at the same time or overlap, the computer will block your registration.

3. Pay Your Tuition or Set Up a Payment Plan Online!

Paying online is easy and secure. You can use your credit or debit card to pay in full, or set up an automatic payment plan. If you register online, you can pay at the end of your registration session or return later to lowercolumbia.edu/kiosk. See Delayed Tuition Payment Options, page 9.

If you register in person, you can still pay online. You'll need your Global PIN, received when you register for the first time.

Tuition and fees must be paid by 5 p.m. Friday of the week you register.

4. Add or Drop Classes

You may add or drop classes online through the third day of class. Go to lowercolumbia.edu/kiosk and select Register Online. Follow the instructions for adding or dropping a class. Don't forget to print a copy of your revised schedule. You can also handle any adjustments to your tuition or fees online.

ONLINE REGISTRATION WORKSHEET

Dept.	Course #	Item #	Section	Credits	M	T	W	Th	F	Time	Bldg/Rm	Entry Code

Alternate Classes

Capstone (CPSTN) Course

--	--	--	--	--	--	--	--	--	--	--	--	--

When can't I use Online Registration?

1. Continuing Education courses
2. GED/ABE/ESL courses
3. High School Completion
4. Independent Studies
5. Employee waivers, Running Start, or National Guard waivers
6. If you last attended LCC more than one year ago
7. If you are taking more than 18 credits

Online Registration is available

June 10-September 25.

Entry Codes

An Entry Code is a five digit random number issued to students by the instructor of the class as authorization to register for classes requiring "Instructor Permission." Once you have used an entry code, the registration computer will not accept it again.

Use the KIOSK

Here are some of the things you can do at lowercolumbia.edu/kiosk

- Pay your tuition and fees
- Set up a payment plan
- Check tax credit information
- Change your Global PIN
- Print your class schedule
- Print out an unofficial transcript
- Check waitlist status

Tuition & Fees

Resident Students (Column A)

Washington resident students must verify that they have lived in Washington for one year and have established residency in the State of Washington, including US Citizenship. If your residency cannot be determined at the time of registration, you will be required to pay non-resident tuition and fees. Ask about residency at the Registration Office, 360.442.2370. Complete residency rules are detailed in RCW 28B.15.012.

Even if you are not a permanent resident or US Citizen, you may still qualify to pay in-state tuition if you have graduated (or will) from a Washington state high school. Contact the Registrar at 360.442.2371.

Oregon Border County Residents (Column B)

Residents of Oregon Border Counties (Columbia, Clatsop, Multnomah, Washington) for 90 days or more may pay this rate.

US Citizens & INS Permanent Residents (Column C)

Individuals who have lived in the State of Washington for 90 days or more and who are US Citizens or Permanent Residents, as defined by the INS, may pay this rate.

Other US Citizens and Foreign Students (Column D)

Those who are not eligible to pay the "Resident Students," "Oregon Border County Residents," or "US Citizens and INS Permanent Residents" rates, above, pay this rate. (See Column D.)

Veterans (Column E)

Special rates are available for some Veterans. See the Veterans' Office in the Admission Center, or call 360.442.2393 for eligibility information.

Special Rates for Senior Citizens

If space is available after the first class meeting, Washington residents 60 or older may audit up to two classes for \$2.50 per class plus \$1.10 per credit facilities use fee and applicable lab fees.

2012-2013 Tuition and Fee Schedule					
(Facilities Use, Technology, Tutor Center, Gym Remodel fees included)					
	A	B	C	D	E
# Cr.	Wash. State Residents	Oregon Border Residents	US Citizens & INS Permanent Residents	Foreign & US Citizens Not Meeting Req's	Veterans
1	114.69	124.32	129.13	286.69	90.63
2	229.38	248.64	258.26	573.38	181.26
3	344.07	372.96	387.39	860.07	271.89
4	458.76	497.28	516.52	1,146.76	362.52
5	573.45	621.60	645.65	1,433.45	453.15
6	688.14	742.92	774.93	1,720.14	543.78
7	802.83	870.24	903.97	2,006.83	634.41
8	917.52	994.86	1,034.04	2,293.52	725.04
9	1,032.21	1,123.78	1,170.27	2,580.21	815.67
10	1,146.90	1,250.64	1,304.76	2,866.90	906.30
11	1,261.59	1,376.52	1,437.87	3,153.59	996.93
12	1,376.28	1,500.24	1,568.04	3,440.28	1,087.56
13	1,490.97	1,623.96	1,697.81	3,726.97	1,178.19
14	1,605.66	1,747.68	1,827.66	4,013.66	1,268.82
15	1,720.35	1,871.40	1,957.52	4,300.35	1,359.45
16	1,835.04	1,995.12	2,081.29	4,587.04	1,450.08
17	1,949.73	2,118.84	2,205.06	4,873.73	1,540.71
18	2,064.42	2,242.56	2,328.83	5,160.42	1,631.34
19	2,179.11	2,366.28	2,452.60	5,447.11	1,721.97
20	2,293.80	2,489.99	2,576.37	5,733.80	1,812.60
21	2,408.49	2,613.71	2,700.14	6,020.49	1,903.23
22	2,523.18	2,737.43	2,823.91	6,307.18	1,993.86
23	2,637.87	2,861.15	2,947.68	6,593.87	2,084.49

Tuition and fees will change for Fall. When known, they'll be posted at lowercolumbia.edu/tuitionandfees

Miscellaneous Fees

- **Application:** All new students are charged a \$30 combined application and assessment fee. Students pay it again if they don't attend for three years.
- **Apprenticeship:** \$53 per credit; \$3.49 per clock hour.
- **Computer Lab:** A fee of \$20.90 per class is charged for certain classes identified in the course listing.
- **Facilities Maintenance:** The chart includes a fee of \$1.10 per credit, up to 18 credits (max. \$19.80), for facilities maintenance and College security.
- **Fitness Center Upgrade:** The chart includes a fee of \$2.50/credit, up to 10 credits (max. \$25), for fitness center upgrade.
- **GED Testing:** \$30 per section, \$150 for all five sections. Re-testing: \$30 per test. All GED testing fees are paid online.
- **High School Completion:** Courses taken to earn a high school diploma are \$53.42 per credit for residents or \$106.84 per credit for non-residents, plus a technology fee of \$3.75/credit, facilities fee of \$1.10/credit, tutoring center fee of \$.50/credit and fitness center upgrade fee of \$2.50/credit.
- **Lab:** Nonrefundable lab fees are collected for certain classes. Where applicable, this fee is shown with class listings in this schedule. An \$8.70 fee per course is charged for an online, hybrid, or web-enhanced class, such as courses marked with the ▽ code.
- **Resident Excess Credit:** Residents pay \$96.26 per credit above 18 credits.
- **Technology:** The chart includes a technology fee of \$3.75/credit, up to 12 credits (max. \$45). A photo ID card, which serves as your activities card, library card and computer lab card, is issued as part of this fee. The ID card is NOT issued quarterly; it is valid as long as you are at LCC.
- **Transcript:** \$6.60 fee for each official transcript.
- **Tutoring Center:** The chart includes a fee of \$.50/credit, up to 10 credits (max. \$5), to support the Tutoring Center.
- **Vocational Excess Credit:** Vocational students taking over 18 credits who meet certain requirements pay only \$7 per credit (residents); non-residents over 18 credits pay \$28.

Who Needs Help Paying for College?

Important Deadlines & Information

Financial Aid for Fall 2013

To apply for need-based financial aid, begin by completing the Free Application for Federal Student Aid (FAFSA). Apply just once to qualify for aid for the full year. Find instructions and a link to the online application at: lowercolumbia.edu/finaid

Priority Application deadline for Fall Quarter is August 12.

Scholarships

Some new or quarterly LCC scholarships may still be available. Check for notices at: lowercolumbia.edu/scholarships

Financial Aid Office Hours

Same as the Admissions Center hours (below), except:
Wednesday 11 a.m. – 2 p.m.**

*** Student staff can provide limited assistance the rest of the day. Limited help hours provide professional staff with uninterrupted time to process aid requests and do necessary federal and state reporting.*

Registration & Financial Aid Hours

Monday–Thursday	8 a.m. – 5 p.m.
Fridays	10 a.m. – 5 p.m.

All LCC offices are closed on Fridays during the summer, June 28–August 31.

Delayed Tuition Payment Options

Need more time to pay your tuition? Here are three options:

Payment Plan: For a \$30 fee you can enroll in a payment plan that charges your credit/debit card or bank account on a monthly basis. For information or to sign up, go to lowercolumbia.edu/payplan

Defer Your Tuition: Tuition is due the Friday after you register. You can defer your full tuition payment until September 17 by paying \$25 of your tuition plus a \$10 fee at the Cashier. Ask for a Tuition Deferment.

Waiting for your Financial Aid funds?

Apply for Financial Aid by the priority deadline August 12 for Fall Quarter 2013). If your file is complete, with all requested documents, you can register and make arrangements to delay tuition payment until your aid arrives. Apply for an “Administrative Hold” after you register but by September 3 at the Financial Aid Office.

If you miss either deadline, you will need to pay your own tuition to stay enrolled.

Applying for Financial Aid

Who is eligible?

To qualify for Financial Aid you must:

- Have a high school diploma or GED
- Be a U.S. citizen or eligible non-citizen
- Be registered with the Selective Service (if required)

Other eligibility issues may be identified in the FAFSA process.

What financial aid is available?

Grants, loans, work study employment and scholarships are available to help cover college costs. Special aid programs are also offered for veterans, dislocated workers and first generation students. Get more information at lowercolumbia.edu/finaid

How to apply

Students apply for financial aid online through the LCC website. Computers are available for student use in the Admissions Center. Priority deadlines are set for each quarter to allow 3-6 weeks for an application to be processed. Priority dates are published at lowercolumbia.edu/finaid and in the LCC class schedule.

To receive financial aid, a student MUST complete the FAFSA

1. Review “7 Easy Steps to the FAFSA” at lowercolumbia.edu/finaid. To complete the application, a student will need:
 - Social Security Number.
 - Income statements, tax or estimated income tax, bank statement. Visit FAFSA to learn more.
 - LCC’s federal school code: 003782
2. Follow the instructions at www.fafsa.gov and complete the application.
3. Applicants should check their status at LCC’s Financial Aid Portal and upload any requested documents. Do this at lowercolumbia.edu/finaid. The applicant will use their Social Security Number and birth date (mm/dd/yy) to log in the first time.

How do I know if aid is approved? Get my money?

You will be notified of any financial aid awards through the Financial Aid Portal (see Step 3). Read your award notice carefully.

If you apply for Financial Aid and register for classes, we assume you are accepting your financial aid award. **If you meet the priority deadline and qualify, your Financial Aid check will be mailed to you before classes begin.**

If you decide not to attend, notify Financial Aid right away to cancel your award.

Review information about class changes or academic progress that might impact your award. Check with your advisor or at the Entry Center for support services to help you succeed in your classes.

Night Time Is The Right Time To Earn Your Transfer Degree



Earn your Associate in Arts Direct Transfer Degree at Lower Columbia College entirely through evening or online classes.

Choose a two-year or three-year completion plan. Check the planning guides to see which option best fits your

schedule, then check the shaded Evening Classes listings in this schedule for details on the courses you need. Online classes are listed on page 14.

You can also access these LCC services during evening hours:

Learning Commons/Library

Open until 7 p.m. Monday–Thursday, with Library services, computers and free tutoring.

Admissions Center

Registration, Financial Aid and Advising will be open until 6 p.m. September 23-26. See special Bookstore hours on page 20.

Notes for Evening Students

1. Placement in Math and English classes is determined by placement assessment scores.
2. Students must talk with an advisor before registering for classes. For an in-person or phone appointment, contact the Entry Center: entry@lowercolumbia.edu or 360.442.2311. Always check with your advisor before making a substitution.
3. Many evening classes are offered in a hybrid format that allows the student to attend class on campus one evening per week and complete remaining work online.
4. If enrolling in online or hybrid courses you can attend a free Bootcamp or orientation. See page 14 for details.
5. Students can attend Summer session to reduce their class load other quarters, to complete required pre-college classes, or to make up dropped or failed classes.

General degree requirements are listed in bold type in the planning guides at right.

Most bachelor of arts degree programs require foreign language proficiency. Ask your advisor if you should include online Spanish in your program of study.

Two-Year Planning Guide (90 Credits)

<i>FALL 1</i>		<i>credits</i>
ENGL& 101	English Composition I	5
PSYC& 100	General Psychology	5
ART& 100	Art Appreciation (Diversity).....	5

<i>WINTER 1</i>		
ENGL& 102	Composition II.....	5
MATH& 107	Math in Society.....	5
ART 241	Beginning Ceramic Art.....	5

<i>SPRING 1</i>		
SPCH 110	Intro to Public Speaking	5
ANTH& 206	Cultural Anthropology (Diversity).....	5
MUSC 117	Music Cultures of the World (Diversity).....	5

<i>FALL 2</i>		
ERSI 105	Earth Systems	5
ENGL 270	Literature for Children.....	5
ASTR& 101	Introduction to Astronomy	5

<i>WINTER 2</i>		
BUS& 101	Introduction to Business	5
SOC& 101	Introduction to Sociology (Diversity)	5
HUM 230	Thinking about Thinking.....	5

<i>SPRING 2</i>		
NUTR& 101	Nutrition.....	5
POLS& 202	American Government.....	5
HUM& 118	Humanities III	5

Three-Year Planning Guide (90 Credits)

<i>FALL 1</i>		<i>credits</i>
PSYC& 100	General Psychology	5
ENGL& 101	English Composition 1.....	5

<i>WINTER 1</i>		
ENGL& 102	Composition II.....	5
HIST& 136	U.S. History 1.....	5

<i>SPRING 1</i>		
SPCH 110	Intro to Public Speaking	5
MATH& 107	Math in Society.....	5

<i>FALL 2</i>		
ERSI 105	Earth Systems	5
ENGL 270	Literature for Children.....	5

<i>WINTER 2</i>		
BUS& 101	Introduction to Business	5
SOC& 101	Introduction to Sociology (Diversity)	5

<i>SPRING 2</i>		
NUTR& 101	Nutrition.....	5
ART 241	Beginning Ceramic Art.....	5

<i>FALL 3</i>		
POLS& 202	American Government.....	5
ASTR& 101	Introduction to Astronomy	5

<i>WINTER 3</i>		
ART& 100	Art Appreciation (Diversity).....	5
HUM 230	Thinking About Thinking	5

<i>SPRING 3</i>		
ANTH& 206	Cultural Anthropology (Diversity).....	5
HUM& 118	Humanities III	5

TRANSFER STUDENTS

Save Time & Money At LCC

Students who begin a four-year degree at Lower Columbia College save tuition costs as well as room and board, if they live at home. Records show LCC students who transfer do well in their classes, earning GPA's equal to students who begin college studies at the university.

The Associate in Arts Direct Transfer Agreement (AA-DTA) provides a smooth transition to upper division studies at a state public university. The new Washington 45 option allows LCC students to transfer after one year without losing any credits.

Associate Degree Transfer Options

Students who complete the AA-DTA at LCC are generally admitted with junior standing by all public universities in the state, some in Oregon and by most Washington private colleges. LCC also has agreements with bachelor degree-granting colleges for students majoring in business, engineering, education, science and other fields.

The LCC Transfer Center hosts representatives from universities and colleges on campus each quarter to meet with students planning to transfer. The Transfer Club coordinates road trips to various colleges and universities.

For more information about LCC transfer options and services for transfer students, visit: lowercolumbia.edu/transfer

NEW Washington 45

A student who completes courses selected from the categories listed below will be able to transfer and apply up to 45 quarter credits toward general education requirement(s) at any other public, and most private, higher education institutions in the state.

First Year Transfer List

- **Communications** (5 credits) –ENGL& 101, ENGL& 102
- **Quantitative and Symbolic Reasoning** (5 credits) –MATH& 107, MATH& 148 or MATH& 151
- **Humanities** (10 credits in two different subject areas or disciplines) – PHIL& 101, MUSC& 105, DRMA& 101, HIST& 116
- **Social Science** (10 credits in two different subject areas or disciplines) – PSYC& 100, SOC& 101, POLS& 101, POLS& 202, HIST& 117
- **Natural Sciences** (10 credits in two different subject areas or disciplines) – BIOL& 100,* BIOL& 160*, ASTR& 101*, CHEM& 110*, CHEM& 121*, CHEM& 161*, CHEM& 162*, GEOL& 101*.
*Natural Science lab courses.
- **Additional 5 credits** in a different discipline can be taken from any category listed above.

For transfer purposes, a student must have a minimum grade of C or better (2.0 or above) in each course completed from this list. Students who transfer Washington 45 credits must still meet the transfer institution's admission requirements and eventually satisfy all their general education requirements and their degree requirements in major, minor and professional programs.

College	Annual Tuition with Increase for (2012-13)	Average GPA LCC Transfer Students
Lower Columbia College	\$4,271	---
University of Washington	\$12,383	3.02
Washington State University	\$11,386	3.08
WSU Vancouver	\$11,386	3.18
Western Washington	\$8,805	3.23
Central Washington	\$7,941	3.07
Eastern Washington	\$7,933	3.3
The Evergreen State College	\$9,324	NA*

*TESC does not award a numerical GPA.



Learning Communities

Teamwork is a good approach to achieve success in sports, at work and in college. Lower Columbia College students who belong to study teams as part of a class or other organized program complete their courses and degrees more often and in less time than those who go it alone. The following programs of study are available this quarter for students who want to improve their chances of success at LCC.

I-BEST

Fast track to a college certificate & job

Many people who want to train for a new career also need to improve their skills in math, reading, and writing to find a job. The Integrated Basic Education & Skills Training (I-BEST) program provides hands-on training for high demand job fields, with an extra instructor to help with reading, writing, math, speaking and listening skills in the same class.

You attend class with the same instructors and the same students to learn job skills and to earn college credit toward a certificate in one of five job fields. Students also spend 2-5 hours each week in study sessions with their classmates where they receive hands-on instruction dedicated to helping them succeed.

Special programs coordinator Jill Yates will help each student register for the classes they need. Contact her at 360.442.2584 or jyates@lowercolumbia.edu

Business Technology

This 4-quarter certificate program prepares graduates to work in an office setting. Some courses meet two mornings each week and private support labs available daily for BTEC lab work.

BUS 144	Management of Human Relations:div
BTEC 100	Computer Keyboarding
BTEC 101	Basic Word Processing and Formatting
BTEC 104	Introduction to Business Technology
BTEC 111	Word Processing I
BTEC 130	Electronic Calculators
BTEC 148	Introduction to Outlook

Diesel/Heavy Equipment Technology

The Diesel/Heavy Equipment Technology program prepares students for careers in any industry that utilizes trucks, excavators, bulldozers, other heavy equipment, or industrial equipment utilizing diesel power and hydraulic devices. Graduates find work with truck and heavy equipment dealers, railroads, and marine operations using tug and fishing boats. You may also work in industrial maintenance, auto, and RV repair. Students also have access to private academic support classes meeting daily.

DHET 100	Essentials of Mechanics
DHET 141	Hydraulics I
DHET 142	Hydraulics II

Early Childhood Education

This one certificate and two-year degree program prepares graduates to work in preschool and childcare programs as early childhood education teachers and includes hands on training in the Home and Family Life Center.

ECED& 107	Health, Safety & Nutrition
ECED 110	Basics of Child Care
EDUC& 130	Guiding Behavior
ECED& 160	Curriculum Development
ECED 260	Practicum IV
EDUC& 115	Child Development
EDUC 205	Introduction to Education w/Field Experience:DIV

Health Occupations/Nursing Assistant

LCC's Nursing Assistant program provides the content and experience to prepare students to take the State of Washington Nursing Assistant certification exam.

We only offer I-BEST Health Occupations (HOC) in the fall and spring.

AH 100	Blood Borne Pathogens and Infection Control
AH 112	Body Structure, Function and Terminology I
AH 104	Healthcare Foundations
AH 114	Healthcare Communication Skills
HLTH 100	Occupational Safety and Health
MEDA 101	Medical Vocabulary I
NURS 090	Nursing Assistant

Manufacturing Occupations

Learn the basic skills needed for entry-level jobs.

MASP 071	Machine Shop Support I
MASP 111	Machine Shop I
MFG 115	Manufacturing Process
TECH 078	Pre-College Math I
TECH 079	Pre-College Math I
WELD 071	Welding Support I
WELD 105	Related Welding I

Jade Footprints: Chinese Culture in Writing and Arts

Daily 9 a.m.-11 a.m. • Don Talley Building Room 214 • Instructors: Hiedi Bauer, Nicole DiGerlando

A new pairing of classes this spring will provide LCC students with a fascinating look into Chinese culture and the immigrant experience while they develop college-level reading and writing skills. This integrated studies course allows you to progress through English at your own pace and even to fast track into college-level English. Complete five credits in English 098, 100 or 101 while you also earn five college credits in Humanities 110 to satisfy distribution requirements toward an associate degree.

Course topics will examine how China's political leaders used propaganda to effect a cultural revolution; how racism in America has changed over the decades, and how a newcomer finds an American identity in order to fit in. The class will also explore Chinese culture, including philosophy and mythology, and take a field trip to the Chinese Gardens in Portland to experience firsthand principles of Chinese art.

ENGL 098	College-Ready English I	Item 3426
or		
ENGL 100	College-Ready English II	Item 3511
or		
ENGL& 101	English Composition I	Item 3680
and		
HUM 164	Cultural Journeys:DIV	Item 4907



photo by Noël Zia Lee

Image & Reality



"Freudian Slip"

How do individual experiences, everyday stories and media shape our perception of self and other?

Drawing from the disciplines of drama, psychology, and English, students will read novels, plays, essays and books; take part in small group activities, and participate in seminar discussions that integrate each week's videos, readings, and experiences. The course culminates in a final gathering.

Sign up for a total of 15 credits. Class meets:

Mon-Thurs, 9:00 a.m.-12:30 p.m., Main Building, Room 119

Sign up for:

**DRMA & 101 IS1, item 3165, Introduction to Theatre:DIV
5 credits, D. Correll**

or

**DRMA 106 IS1, item 3130, Introduction to Acting I
5 credits, D. Correll**

and

**ENGL& 101 IS1, item 3640, English Composition,
5 credits, C. Ronish**

and

**PSYC& 100 IS1, item 6595, General Psychology
5 credits, M. Strayer**

Wealth, Success, and Fame: The Beauty of Data.

Learn how to use basic concepts in both math and economics to make wise financial decisions that can contribute to achieving wealth and success. Two popular LCC instructors, Jeff Lucas (Math) and Jim Franz (Economics) will lead this combined course series that uses games, discussions, and team projects to help students master both college-level math skills and economic topics. You'll earn 5 credits to satisfy either natural science or quantitative skills requirements and 5 social science credits.



Class meets:

**Monday-Friday
9:00 a.m.-10:40 a.m., Main Building, Room 233**

Sign up for:

**ECON 105 IS, item 3265, Introduction to Economics,
5 credits, J. Franz**

and

**MATH& 107 IS, item 5650, Math in Society,
5 credits, J. Lucas**

LCC ONLINE CLASSES

Course No.	Course Title
AH 100	Blood Borne Pathogens & Infections
AH 104	Healthcare Foundations
AH 114	Healthcare Communication Skills
ART& 100	Art Appreciation
ART 226	History of Western Art
BIOL& 160	General Biology w/Lab
BIOL& 241	Human Anatomy/Physiology I
BIOL& 260	Microbiology
*BTEC 148	Intro to Outlook
BTEC 181	Medical Terminology I
BTEC 182	Medical Terminology II
BUS& 101	Intro to Business
BUS 144	Management/Human Relations
BUS 150	Customer Service/Management
BUS 159	Principles of Retailing
BUS& 201	Business Law
BUS 206	Statistical Methods
BUS 240	Principles of Supervision
CHEM& 110	Chemical Concepts w/Lab
CJ& 110	Criminal Law
COLL 093	Test Taking
COLL 094	Note Taking
COLL 095	Time Management
COLL 096	Textbook Reading
COLL 104	College Knowledge
CS 110	Microcomputer Applications
CS 121	Intro to Spreadsheets:Excel
CS 253	Digital Forensics Live & Mobile
ECED& 107	Health/ Safety/ Nutrition
ECED 134	Family Child Care
ECED 186	Social-Emotional Growth
ECON 105	Intro to Economics
EDUC& 136	School Age Care
ENGL& 101	English Composition I
ENGL& 102	Composition II
ENGL 104	Review of Grammar and Punctuation
ENGL 270	Literature for Children
ENVS 150	Environment & Society
ERSI 105	Earth Systems
GEOL& 208	Geology of the Pacific Northwest
HIST& 136	U.S. History I
HIST& 137	U.S. History II
HLTH 106	Health Today
HUM& 116	Humanities I
LIBR 094	Information Literacy 1
LIBR 104	Information Literacy 2
*MATH 088/089	Pre-College Math II
*MATH 098/099	Pre-College Math III
MATH& 107	Math in Society
MATH 210	Elements of Statistics
MEDA 205	Certification Review for Medical Assisting
MUSC 119	American Music
NUTR& 101	Nutrition
OCEA& 101	Intro to Oceanography
PHED 152/252	Personalized Fitness
POLS& 202	American Government
PSYC& 100	General Psychology
PSYC& 200	Lifespan Psychology
SOC& 101	Intro to Sociology
*SPAN& 121	Spanish I
*SPAN& 122	Spanish II
*SPAN& 123	Spanish III
*SPAN& 221	Spanish IV
*SPAN& 222	Spanish V
*SPAN& 223	Spanish VI
*SPCH 110	Intro to Public Speaking

*These courses do not use Canvas

Using CANVAS?

Attend a free bootcamp or orientation.

If your class listing shows this symbol, you'll be using an online learning management system: ▾ for CANVAS

What You Need for Online Classes:

If you're taking Online or Hybrid courses:

- Internet access
- Computer running Windows XP, Vista, Windows 7 or Mac OSX.
- Email account. When you register at LCC, you are eligible for an LCC email account. Set up your username and password at lowercolumbia.edu/studentportal
- CANVAS accounts will be enabled September 23.

If you're using Canvas (classes marked ▾):

To log in, go to <https://lcc.instructure.com>

Your user name is the one set up through the Student Portal. Your password is your Student ID Number.

Canvas Orientation

▾ CANVAS	Tuesday, Sept. 24	10-11 a.m.	AAR 108
▾ CANVAS	Thursday, Sept. 26	2-3 p.m.	AAR 108
▾ CANVAS	Friday, Sept. 27	12-1 p.m.	AAR 108

Please call the eLearning Office at 360.442.2520 to register for Canvas Bootcamp.

▾ CANVAS	Tuesday, Sept. 17	9 a.m.-12 p.m.
▾ CANVAS	Tuesday, Sept. 17	1-4 p.m.
▾ CANVAS	Monday, Sept. 30	1-3 p.m.

Why Go to Bootcamp?

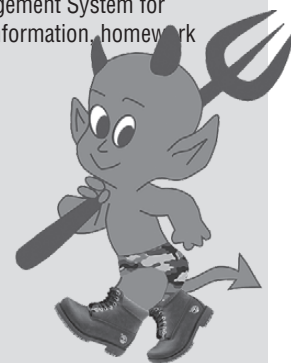
If the class schedule shows an ▾ next to your class, you'll use the CANVAS online Learning Management System for class discussion, course lessons and information, homework submission and more.

At Bootcamp, You'll Learn:

- How to log in and navigate
- How to participate in the course
- Where to find course information

Pre-registration is required.

To register, contact eLearning at 360.442.2520 or email elearning@lowercolumbia.edu



Bootcamp is free. We provide coffee and cookies.

FALL CLASSES

These initials or symbols on the course listing mean:

- D** = Course meets Diversity requirement.
- H** = Course meets distribution credit in Humanities.
- HA** = Course meets distribution credit in Humanities only for AAS and AAS-T degrees.
- SS** = Course meets distribution credit in Social Science.
- SSA** = Course meets distribution credit in Social Science only for AAS and AAS-T degrees.
- NS** = Course meets distribution credit in Natural Science.
- NSA** = Course meets distribution credit in Natural Science only for AAS and AAS-T degrees.
- NSL** = Course meets distribution credits in Natural Science as a lab course.
- P** = Course meets distribution credits as a performance based course.
- &** = Course is part of the Washington Community Colleges' Common Course Numbering system.
- DE** = Distance Education. All DE sections have an \$9.10 fee.
- ▽** = Course uses the CANVAS learning management system. All courses with this symbol have an \$9.10 fee. Boot Camp and Orientation information is on page 10.

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

Accounting

ACCT 101 INTRODUCTION TO ACCOUNTING CONCEPTS

▽ 1295 A 5 TTh 9:00a.m.-11:00a.m. AAR 103 STANLEY J
Computer lab fee will be charged.

ACCT& 201 PRINCIPALS OF ACCOUNTING I

▽ 1325 A 5 MW 9:00a.m.-10:25a.m. AAR 103 STANLEY J
Computer lab fee will be charged.
Hybrid class; partly online.

ACCT 241 INTRODUCTION TO QUICKBOOKS

▽ 1305 A 4 T 1:20p.m.-3:20p.m. AAR 108 CUMMINGS D
Computer lab fee will be charged.
Hybrid class; partly online.

ACCT 244 INDIVIDUAL INCOME TAXATION

1310 A 5 TTh 9:00a.m.-11:00a.m. AAR 102 RUA D

EVENING CLASSES

ACCT& 201 PRINCIPALS OF ACCOUNTING I

▽ 1330 N 5 T 5:15p.m.-7:15p.m. AAR 103 STANLEY J
Computer lab fee will be charged.
Hybrid class; partly online.

Allied Health

AH 100 BLOOD BORNE PATHOGENS AND INFECTION CONTROL

▽ 1335 DE 1 ARR ARR SOLADEY V
Online class.

AH 104 HEALTHCARE FOUNDATIONS

▽ 1355 DE 2 ARR ARR COLEMAN K
Online class.

▽ 1360 DE1 2 ARR ARR YARBROUGH S
Online class.

AH 112 BODY STRUCTURE, FUNCTION AND TERMINOLOGY I

▽ 1375 A 1 T 4:00p.m.-4:50p.m. AAR 126 ENGEL E

AH 114 HEALTHCARE COMMUNICATION SKILLS

▽ 1380 DE 2 ARR ARR COLEMAN K
Online class.

▽ 1390 DE1 2 ARR ARR YARBROUGH S
Online class.

AH 230 MANAGEMENT ISSUES IN HEALTH CARE

▽ 1400 A 1 M ARR AAR 128 YARBROUGH S
This class meets twice - October 14th and November 18th. Concurrent enrollment in NURS 201 required.
Hybrid class; partly online

EVENING CLASSES

AH 104 HEALTHCARE FOUNDATIONS

▽ 1345 N 2 W 5:15p.m.-7:00p.m. AAR 126 ENGEL E
Hybrid class; partly online

AH 114 HEALTHCARE COMMUNICATION SKILLS

▽ 1395 N 2 Th 5:15p.m.-7:00p.m. AAR 126 ENGEL E
Hybrid class; partly online

COMING FALL 2013

VISIT WITH YOUR ADVISOR TODAY
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YOU CAN EARN A BACHELOR'S
DEGREE FROM EASTERN
WASHINGTON UNIVERSITY
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Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

Anthropology

ANTH& 205 BIOLOGICAL ANTHROPOLOGY **NS**
 1460 A 5 MWF 11:10a.m.-12:35p.m. MAN 145 SHAW D

Art

ART& 100 ART APPRECIATION:DIV
 ▽ 1620 A 5 T 1:20p.m.-3:20p.m. MAN 119 COOPER R
 Satisfies the Diversity requirement.
 Hybrid class; partly online.

▽ 1625 DE 5 ARR ARR COOPER R
 Satisfies the Diversity requirement.
 Online class.

ART 101 BEGINNING DRAWING **D,H**
 1465 A 3 MW 9:00a.m.-11:30a.m. MAN 109 NEELY D
 1470 B 3 MW 2:00p.m.-4:30p.m. MAN 109 NEELY D

ART 106 BASIC DESIGN **H,P**
 1490 A 5 TTh 10:00a.m.-12:00p.m. MAN 109 KOHLMEIER M

ART 107 BASIC DESIGN I **H,P**
 1495 A 5 TTh 2:20p.m.-4:20p.m. MAN 109 KOHLMEIER M

ART 154 BEGINNING ANALOG PHOTOGRAPHY **H,P**
 1535 A 5 TTh 8:00a.m.-11:30a.m. MAN 118 VANDERMATEN
 Computer lab fee will be charged.
 Lab Fee: \$32.80

ART 155 BEGINNING DIGITAL PHOTOGRAPHY **H,P**
 1525 A 5 TTh 11:30a.m.-3:00p.m. MAN 118 VANDERMATEN
 Computer lab fee will be charged.
 Lab Fee: \$32.80

ART 162 PHOTOSHOP FOR WEB & PRINT
 1540 A 3 MW 12:00p.m.-1:40p.m. MAN 118 NEELY D
 1545 B 3 TTh 3:00p.m.-4:40p.m. MAN 118 NEELY D
 Basic computer skills required.
 Computer lab fee will be charged.

ART 226 HISTORY OF WESTERN ART **H**
 ▽ 1550 DE 5 ARR ARR SAYLES L
 Online class.

ART 241 BEGINNING CERAMIC ART **H,P**
 1555 A 3 MW 1:00p.m.-3:50p.m. MAN 104 WOODS T
 Lab Fee: \$19.00

ART 242 INTERMEDIATE CERAMIC ART **H,P**
 1565 A 3 MW 1:00p.m.-3:50p.m. MAN 104 WOODS T
 Lab Fee: \$25.80

ART 243 ADVANCED CERAMIC ART **H,P**
 1575 A 3 MW 1:00p.m.-3:50p.m. MAN 104 WOODS T
 Lab Fee: \$25.80

ART 290 ART STUDIO LAB-CERAMICS
 1595 MM 1-3 ARR ARR WOODS T
 Instructor permission required to enroll.
 Lab Fee: \$25.80

ART 295 ART LAB-PHOTOGRAPHY
 1600 MM 1-3 ARR ARR VANDERMATEN
 Instructor permission required to enroll.
 Lab Fee: \$32.80

ART 297 PHOTOSHOP INDEPENDENT STUDY
 1605 MM 1-3 ARR ARR NEELY D

ART 299 INDEPENDENT STUDY
 ▽ 1610 MM 1-3 ARR ARR COOPER R
 Lab Fee: \$18.20
 1615 MM2 1-3 ARR ARR KOHLMEIER M
 Instructor permission required to enroll.
 Lab Fee: \$18.20

EVENING CLASSES

ART 101 BEGINNING DRAWING **H,P**
 1475 N 3 TTh 6:00p.m.-8:50p.m. MAN 109 KOHLMEIER M

ART 102 INTERMEDIATE DRAWING **H,P**
 1480 N 3 TTh 6:00p.m.-8:50p.m. MAN 109 KOHLMEIER M
 Lab Fee: \$5.40

ART 103 ADVANCED DRAWING **H,P**
 1485 N 3 TTh 6:00p.m.-8:50p.m. MAN 109 KOHLMEIER M

ART 111 BEGINNING PAINTING **H,P**
 ▽ 1500 N 3 TTh 6:00p.m.-8:50p.m. MAN 103 COOPER R

ART 112 INTERMEDIATE PAINTING **H,P**
 ▽ 1505 N 3 TTh 6:00p.m.-8:50p.m. MAN 103 COOPER R

ART 113 ADVANCED PAINTING **H,P**
 ▽ 1510 N 3 TTh 6:00p.m.-8:50p.m. MAN 103 COOPER R

ART 155 BEGINNING DIGITAL PHOTO **H,P**
 1530 N 5 TTh 5:00p.m.-8:30p.m. MAN 118 VANDERMATEN
 Lab Fee: \$32.80

ART 241 BEGINNING CERAMIC ART **H,P**
 1560 N 3 MW 6:00p.m.-8:50p.m. MAN 104 WOODS T
 Lab Fee: \$19.00

ART 242 INTERMEDIATE CERAMIC ART **H,P**
 1570 N 3 MW 6:00p.m.-8:50p.m. MAN 104 WOODS T
 Lab Fee: \$25.80

ART 243 ADVANCED CERAMIC ART **H,P**
 1580 N 3 MW 6:00p.m.-8:50p.m. MAN 104 WOODS T
 Lab Fee: \$25.80

Astronomy

EVENING CLASSES

ASTR& 101 INTRODUCTION TO ASTRONOMY **NSL**
 ▽ 1630 N 5 T 5:15p.m.-6:45p.m. SCI 102 VASQUEZ J
 Lab included.
 Hybrid class; partly online.

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

Automotive Technology

There is a fee of \$10.90 per student per quarter for all AMTC classes.

AMTC 101 ELECTRICAL SYSTEMS I

1415 A 5 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C
Start Date: 09/23/13 End Date: 10/10/13

AMTC 102 ELECTRICAL SYSTEMS II

1425 A 10 MTWTh 7:30a.m.-12:00p.m. DTV 232 KILE C
Start Date: 10/14/13 End Date: 12/12/13

AMTC 216 AUTOMATIC TRANSMISSION

1435 A 8 MTWTh 7:00a.m.-12:00p.m. DTV 233 STAFF
Start Date: 09/23/13 End Date: 10/31/13

AMTC 217 POWERTRAINS

1440 A 6 MTWTh 7:30a.m.-12:00p.m. DTV 233 STAFF
Start Date: 11/04/13 End Date: 12/12/13

AMTC 299 INDEPENDENT STUDY

1455 A 1-3 ARR ARR ARR STAFF
Instructor permission required to enroll.

Biology

BIOL& 100 SURVEY OF BIOLOGY

▽ 1670 A 5 MW 9:00a.m.-10:15a.m. PSC 102 MYERS L
TTh 9:00a.m.-10:50a.m. MAN 202
Lab included. Lab Fee: \$18.20

BIOL& 160 GENERAL BIOLOGY

▽ 1675 A 5 TTh 11:10a.m.-1:00p.m. PSC 102 MYERS L
Students must also enroll in one of the lab sections, BIOL& 160 LA, LB, or LC.
Lab Fee: \$9.80

1680 B 5 MWF 3:00p.m.-4:10p.m. PSC 102 STAFF
Students must also enroll in one of the lab sections, BIOL& 160 LA, LB, or LC.
Lab Fee: \$9.80

▽ 1700 DE 5 ARR ARR MYERS L
Lab included. Lab Fee: \$9.80
Online class.

BIOL& 160 GENERAL BIOLOGY—LAB

1685 LA 0 W 11:10a.m.-1:00p.m. MAN 202 MYERS L
1690 LB 0 F 9:00a.m.-10:50a.m. MAN 202 MYERS L
1695 LC 0 F 11:10a.m.-1:00p.m. MAN 202 LAPIERRE L

BIOL& 211 MAJORS BIOLOGY CELLULAR

▽ 1715 A 5 TTh 1:20p.m.-2:35p.m. MAN 207 LAPIERRE L
TTh 2:50p.m.-4:40p.m. MAN 202
Lab included. Lab Fee: \$21.70

Business Degree Online Option

Complete an Associate in Applied Science degree in Business Management online. Learn the same skills covered in the classroom, including accounting, economics, human resources, marketing and other business topics. See a list of required courses at lowercolumbia.edu/programplanners or contact advisor Tim Allwine, tallwine@lowercolumbia.edu.

BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1

▽ 1720 A 6 MW 11:10a.m.-12:50 p.m. PSC 102 MEYERS R
Students must also enroll in one of the lab sections - BIOL& 241 LA, LB, or LC.
Lab Fee: \$12.60

▽ 1730 DE 6 ARR ARR MEYERS R
Online class. Lab included.
Lab Fee: \$12.60

BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY 1—LAB

1745 LA 0 T 9:00a.m.-11:50a.m. MAN 204 STAFF
1750 LB 0 T 1:00p.m.-3:50p.m. MAN 204 STAFF
1755 LC 0 M 1:30p.m.-4:20p.m. MAN 204 MEYERS R

BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY 2

▽ 1763 DE 6 ARR ARR MEYERS R
Online class. Lab included.
Lab Fee: \$12.60

BIOL& 260 MICROBIOLOGY

▽ 1765 A 5 TTh 9:00a.m.-10:15a.m. PSC 104 FULLER K
Students must also enroll in one of the lab sections - BIOL& 260 LA, LB, or LC.
Lab Fee: \$22.80

BIOL& 260 MICROBIOLOGY—LAB

1770 LA 0 WF 8:00a.m.-9:50a.m. MAN 204 FULLER K
1775 LB 0 WF 10:00a.m.-11:50a.m. MAN 204 FULLER K
1780 LC 0 WF 1:20p.m.-3:10p.m. MAN 204 FULLER K

BIOL& 260 MICROBIOLOGY

▽ 1767 DE 5 ARR ARR FULLER K
Online class. Lab included.
Lab Fee: \$22.80

BIOL 299 INDEPENDENT STUDY

1665 MM 2 ARR ARR MEYERS R

EVENING CLASSES

BIOL& 160 GENERAL BIOLOGY W/LAB

▽ 1705 N 5 T 5:15p.m.-7:30p.m. MAN 202 FULLER K
Lab included. Lab Fee: \$9.80
Hybrid class; partly online.

Business Administration

BUS 100 PERSONAL FINANCE

▽ 1983 A 5 Th 1:20p.m.-3:20p.m. MAN 119 CUMMINGS D
Hybrid class; partly online.

BUS& 101 INTRODUCTION TO BUSINESS

▽ 2090 A 5 T 9:00a.m.-11:00a.m. AAR 104 ALKAZIN SE
Hybrid class; partly online.

▽ 2095 B 5 MW 1:20p.m.-2:45p.m. AAR 104 CUMMINGS D
Hybrid class; partly online.

▽ 2100 DE 5 ARR ARR ALLWINE T
Online class.

BUS 104 BUSINESS MATH APPLICATIONS

▽ 1985 A 5 Th 1:30p.m.-3:30p.m. AAR 106 ALLWINE T
Hybrid class; partly online.

BUS 119 BUSINESS COMMUNICATIONS

▽ 1990 A 5 W 1:20p.m.-2:45p.m. AAR 103 ARMER G
Hybrid class; partly online.

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

BUS 144 MANAGEMENT OF HUMAN RELATIONS:DIV**D,SSA**

▽ 1995 A 5 T 1:20p.m.-3:20p.m. AAR 106 ALLWINE T
Satisfies the Diversity requirement.
Hybrid class; partly online.

▽ 2000 B 5 Th 9:00a.m.-11:00a.m. VOC 116 ARMER G
Satisfies the Diversity requirement.
Hybrid class; partly online.

▽ 2005 DE 5 ARR ARR ALLWINE T
Satisfies the Diversity requirement.
Online class.

BUS 150 CUSTOMER SERVICE/MANAGEMENT

▽ 2025 A 5 T 11:10a.m.-1:10p.m. AAR 104 ALKAZIN SE
Hybrid class; partly online.

▽ 2030 DE 5 ARR ARR ALKAZIN SE
Online class.

BUS 159 PRINCIPLES OF RETAILING

▽ 2035 DE 5 ARR ARR ARMER G
Online class.

BUS& 201 BUSINESS LAW**SS**

2105 A 5 TTh 1:20p.m.-3:20p.m. MAN 146 QUIRK A
▽ 2110 DE 5 ARR ARR QUIRK A
Online class.

BUS 206 STATISTICAL METHODS**NS**

2040 A 5 DAILY 8:00a.m.-8:50a.m. VOC 112 SWEE R
2045 B 5 TTh 1:20p.m.-3:20p.m. MAN 233 DRAUS D
▽ 2050 DE 5 ARR ARR LUCAS J
Online class.

BUS 240 PRINCIPLES OF SUPERVISION

▽ 2060 DE 5 ARR ARR ALLWINE T
Online class.

BUS 294 CAREER SUCCESS

▽ 2085 A 2 T 8:00a.m.-8:50a.m. AAR 104 STAFF
Hybrid class; partly online.

EVENING CLASSES**BUS 144 MANAGEMENT OF HUMAN RELATIONS:DIV****D,SSA**

▽ 2015 N 5 T 5:15p.m.-7:30p.m. VOC 116 BENA M
Satisfies the Diversity requirement.
Hybrid class; partly online.

BUS 206 STATISTICAL METHODS**NS**

2055 N 5 MW 5:15p.m.-7:20p.m. MAN 146 STETZER J
Online homework and electronic textbook provided by Pearson Education.
Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

Business Technology

Unless otherwise noted, a computer lab fee is charged for all BTEC courses.

BTEC 104 INTRODUCTION TO BUSINESS TECHNOLOGY

1820 A 5 MWF 9:00a.m.-10:25a.m. AAR 105 STAFF

BTEC 111 WORD PROCESSING I

1845 A 5 TTh 11:00a.m.-1:00p.m. AAR 110C STAFF

BTEC 148 INTRODUCTION TO OUTLOOK

1885 DE 1-2 ARR ARR ROSI D
Distance Ed course using e-mail and Outlook for corresponding.

BTEC 171 MEDICAL RECEPTION PROCEDURES

▽ 1910 A 3 TTh 1:20p.m.-2:35p.m. AAR 109E MILLUS N

▽ 1915 B 3 TTh 2:45p.m.-4:00p.m. AAR 109E MILLUS N

BTEC 181 MEDICAL TERMINOLOGY I

▽ 1925 DE 1-3 ARR ARR BYMAN T
Online class.

BTEC 182 MEDICAL TERMINOLOGY II

▽ 1935 DE 1-3 ARR ARR BYMAN T
Online class.

BTEC 294 CAREER SUCCESS

▽ 1960 A 2 T 8:00a.m.-8:50a.m. AAR 104 STAFF
Hybrid class; partly online.

EVENING CLASSES**BTEC 161 INTRODUCTION TO ICD-10 CODING**

▽ 1900 N 5 MW 5:30p.m.-7:30p.m. AAR 103 BACKSTROM K
Hybrid class; partly online.

Business Technology Lab

Any new BTEC students enrolled in arranged BTEC classes (shown as "ARR") must attend a general orientation on Monday, September 23, at 9 a.m., 11 a.m., or 1 p.m., in AAR 109, Lab 5. All (new and returning) BTEC students must also attend class-specific orientations. Schedules will be posted in AAR 109, Lab 5 on Monday, September 23.

Please note: Students will be dropped from the class roster if they have not attended a class-specific orientation within five days of the beginning of the quarter. If you have any questions, please contact the lab at 360.442.2710.

Computer labs are open Monday – Friday, 8:00 a.m. – 3:45 p.m. Testing times are Monday – Friday, 9:00 a.m. – 2:00 p.m. Students must have photo ID to use the computer labs. Unless otherwise noted, a computer lab fee is charged for BTEC classes.

BTEC 100 COMPUTER KEYBOARDING

1800 P 1-3 ARR ARR AAR 109 STAFF

This course is graded on a pass/fail basis only. An orientation is required for this course. Sign up for orientation in AAR 109, Lab 5 or call 360.442.2710. Allow one hour for this orientation.

BTEC 101 BASIC WORD PROCESSING/FORATTING

1815 P 1-5 ARR ARR AAR 109 STAFF

An orientation is required for this course. Sign up for orientation in AAR 109, Lab 5 or call 360.442.2710. Allow one hour for this orientation.

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

BTEC 105 KEYBOARDING SPEED/ACCURACY BUILDING

1835 P 1-4 ARR ARR AAR 109 STAFF
This course is graded on a Pass/Fail basis only.

BTEC 106 PROOFREADING SKILLS

1840 P 1-2 ARR ARR AAR 109 STAFF
There is no computer lab fee for this class.

BTEC 125 FILING

▽ 1855 P 1-3 ARR ARR AAR 109 LEMMONS N

BTEC 130 ELECTRONIC CALCULATORS

1865 P 1-2 ARR ARR AAR 109 LEMMONS N
There is no computer lab fee for this class.

BTEC 145 INTRODUCTION TO MS WORD

▽ 1870 P 1-5 ARR ARR AAR 109 STAFF

BTEC 146 POWERPOINT FUNDAMENTALS

▽ 1875 P 1 ARR ARR LEMMONS N

BTEC 147 INTRODUCTION TO DESKTOP PUBLISHING

▽ 1880 P 1-3 ARR ARR AAR 109 STAFF

BTEC 149 INTERNET FUNDAMENTALS

▽ 1895 P 1 ARR ARR AAR 109 STAFF

BTEC 164 LEGAL ASPECTS OF THE MEDICAL OFFICE

▽ 1905 P 1-2 ARR ARR AAR 109 LEMMONS N
There is no computer lab fee for this class.

BTEC 181 MEDICAL TERMINOLOGY I

▽ 1930 P 1-3 ARR ARR AAR 109 LEMMONS N

BTEC 182 MEDICAL TERMINOLOGY II

▽ 1940 P 1-3 ARR ARR AAR 109 LEMMONS N

BTEC 230 LEGAL TERMINOLOGY

▽ 1945 P 1-3 ARR ARR AAR 109 STAFF

Chemical Dependency

EVENING CLASSES

CDS 101 INTRODUCTION TO CDS NSA
2115 N 5 MW 6:00p.m.-8:00p.m. MAN 234 SCHULZ P

CDS 108 SCHOOL-BASED SUPPORT GROUPS
2125 N 3 F 5:15p.m.-8:00p.m. AAR 106 MILLER S
Sa 9:00a.m.-4:00p.m. AAR 106
Class meets Friday and Saturday, Oct. 4 & 5, Oct. 18 & 19, and Nov. 1 & 2.

CDS 113 TREATMENT PRINCIPLES/CDS
2130 N 3 Th 5:30p.m.-8:00p.m. AAR 106 WALTZ M

CDS 202 CHEMICAL DEPENDENCY COUNSELING W/DIVERSE POPULATIONS
2135 N 3 T 5:30p.m.-8:00p.m. MAN 233 CALIMAN J

CDS 215 GROUP COUNSELING
2140 N 3 W 5:30p.m.-8:00p.m. MAN 147 STAFF
Prerequisite: CDS 101 and 113 with a grade of C or better.

Chemistry

CHEM& 100 PREPARATORY CHEMISTRY

▽ 2175 A 5 MWF 11:10a.m.-12:35p.m. PSC 104 HERBELIN A
2177 B 5 TTh 3:00p.m.-5:00p.m. PSC 104 TIETJEN J

CHEM& 110 CHEMICAL CONCEPTS W/LAB

▽ 2180 DE 5 ARR ARR PECORE J
Lab included. Lab Fee: \$12.60
Online class.

CHEM& 121 INTRODUCTION TO CHEMISTRY

2185 A 5 MWF 10:00a.m.-11:00a.m. PSC 104 KEPLER C
Students must also enroll in one of the lab sections, CHEM& 121 LA or LB.
Lab Fee: \$12.60

CHEM& 121 INTRODUCTION TO CHEMISTRY — LAB

2190 LA 0 Th 9:00a.m.-11:50a.m. PSC 106 KEPLER C
2195 LB 0 Th 1:20p.m.-4:10p.m. PSC 106 KEPLER C

CHEM& 161 GENERAL CHEMISTRY I

▽ 2205 A 5 MWF 9:00a.m.-9:50a.m. PSC 104 WOLFER A
Students must also enroll in one of the lab sections, CHEM& 161 LA, LB or LC.
Lab Fee: \$22.80

CHEM& 161 GENERAL CHEMISTRY I — LAB

2210 LA 0 T 9:00a.m.-11:50a.m. PSC 106 WOLFER A
2215 LB 0 T 1:20p.m.-4:10p.m. PSC 106 WOLFER A
2220 LC 0 W 1:20p.m.-4:10p.m. PSC 106 WOLFER A

CHEM& 261 ORGANIC CHEMISTRY I

2225 A 5 MWF 1:20p.m.-2:10p.m. PSC 104 HERBELIN A
Students must also enroll in one of the lab sections, CHEM& 261 LA or LB.
Lab Fee: \$22.80

CHEM& 261 ORGANIC CHEMISTRY — LAB I

2230 LA 0 MW 2:20p.m.-4:10p.m. PSC 107 HERBELIN A
2235 LB 0 TTh 9:00a.m.-10:50a.m. PSC 107 HERBELIN A

EVENING CLASSES

CHEM& 121 INTRODUCTION TO CHEMISTRY
2200 N 5 MW 6:00p.m.-8:45p.m. PSC 104 KEPLER C
Lab included.
Lab Fee: \$12.60

Chinese

CHIN 101 INTRODUCTION TO MANDARIN

2237 A 5 MWF 9:00a.m.-10:25a.m. LIB 130 STAFF

College Success

The sections designated SP are self-paced classes. See Learning Commons—Self-Paced Learning for more information.

COLL 093 TEST TAKING

▽ 2880 DE 1 ARR ARR ARR DEMAREST K
Online class.
Lab Fee: \$10.30
2885 SP 1 ARR ARR LIB PERSONS C
Lab Fee: \$10.30

Course # Course Name

▽ **Item# Sec. # Cred. # Days Time Place Instructor**

COLL 094 NOTE TAKING

2890 SP 1 ARR ARR LIB PERSONS C
 Lab Fee: \$10.30
 2892 DE 1 ARR ARR ARR PERSONS C
 Online class.
 Lab Fee: \$10.30

COLL 095 TIME MANAGEMENT

2895 DE 1 ARR ARR DEMAREST K
 Online class.

COLL 096 TEXTBOOK READING

2900 DE 1 ARR ARR DEMAREST K
 Online class.
 2905 SP 1 ARR ARR LIB PERSONS C

COLL 101 FIRST YEAR SEMINAR I

2910 A 2 MWF 8:00a.m.-8:50a.m. MAN 207 LEACH M
 2911 B 2 TTh 8:00a.m.-9:15a.m. VOC 111 LEACH M
 2924 JS 2 MWF 8:00a.m.-9:10a.m. VOC 111 RISTER M
 Intensive late start class. Start Date: 10-14-13. Call the Entry Center at 360.442.2311 for information.

COLL 104 COLLEGE KNOWLEDGE

2935 DE 1 ARR ARR RISTER M
 Online class.

Computer Science

Unless noted otherwise, a computer lab fee is charged for all Computer Science classes.

CS 100 INTRODUCTION TO INFORMATION SYSTEMS SS

2950 A 5 Th 11:10a.m.-1:10p.m. VOC 119 DEVIDA D
 Hybrid class; partly online.

CS 110 MICROCOMPUTER APPLICATIONS

2960 A 3 MWF 9:00a.m.-9:50a.m. AAR 110C STAFF
 2965 B 3 MWF 11:10a.m.-12:00p.m. AAR 110C ROSI D
 2970 C 3 TTh 11:10a.m.-12:25p.m. AAR 105 HOMME S
 2975 DE 3 ARR ARR ROSI D
 Online class.
 2980 E 3 TTh 1:00p.m.-2:30p.m. AAR 105 HOMME S

CS 111 INTRODUCTION TO WINDOWS

2990 A 4 MW 9:00a.m.-11:00a.m. AAR 124 DERKACHT D

CS 121 INTRODUCTION TO SPREADSHEETS:EXCEL

2995 A 5 MWF 9:00a.m.-10:25a.m. AAR 109E LEMMONS N
 3000 DE 5 ARR ARR LEMMONS N
 Online class.

CS 130 INTRODUCTION TO DATABASE APPLICATIONS

3005 A 5 TTh 11:10a.m.-12:35p.m. AAR 109E LEMMONS N
 Hybrid class; partly online.

CS 141 PC TECHNICIAN I

3010 A 5 Th 1:20p.m.-2:45p.m. VOC 119 DEVIDA D
 Hybrid class; partly online.

CS 170 PROGRAMMING FUNDAMENTALS NS
 3015 A 5 MWF 1:20p.m.-3:00p.m. AAR 105 DERKACHT D

CS 211 NETWORKING BASICS

3020 A 5 T 1:20p.m.-3:25p.m. VOC 119 DEVIDA D
 Prerequisite: CS 144 or instructor permission.
 Hybrid class; partly online.

CS 230 DATABASE DEVELOPMENT

3025 A 5 TTh 9:00a.m.-11:00a.m. AAR 110C ROSI D
 Hybrid class; partly online.

CS 253 DIGITAL FORENSICS LIVE & MOBILE

3027 DE 4 ARR ARR ROSI D
 On campus lab times available.
 Online class.

CS 270 DATA STRUCTURES I NS

3030 A 5 MWF 3:10p.m.-4:30p.m. AAR 105 DERKACHT D

EVENING CLASSES

CS 110 MICROCOMPUTER APPLICATIONS

2985 N 3 TTh 5:15p.m.-6:30p.m. AAR 110C HOMME S

CS 281 DIGITAL DESIGN

3032 N 5 MW 4:45p.m.-7:15p.m. AAR 105 DERKACHT D

Buying Your Books

The Lower Columbia College Bookstore makes it easy for you to get your textbooks. Here's how:

- Stop by the Bookstore (in the Student Center) with your schedule and the staff will find your books for you. Some used books are available for most courses so, if possible, shop early.
- Buy books online at lowercolumbia.edu/bookstore and pick them up in-store or have them shipped to your home. **Textbooks will be available online beginning August 20.**

Bookstore Hours

September 3 - 20

Monday–Thursday, 8 a.m.-4:00 p.m.
 Friday, 8 a.m.-2:00 p.m.

*Extended hours first week of quarter.
 Check Bookstore website in September*

September 23 - December 6

Monday–Thursday, 7:30 a.m.-5:00 p.m.
 Friday, 7:30 a.m.-2:00 p.m.

Book Buyback

Summer book buyback:
 Check Bookstore website
 in July for dates and times.

Fall book buyback:
 Dec. 9, 12-4:30 p.m.
 Dec. 10-12, 8:30 a.m.-4:30 p.m.
 Dec.13, 8:30 a.m.-1 p.m.



Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

Cooperative Education

LCC's Cooperative Education Program enables students to earn college credit through supervised, work-based learning experience.

This program integrates theories, concepts, and methods studied in the classroom with practical skills gained in the workplace. Students may earn one credit for every 33 hours of approved work experience. There is a limit of 1-5 credits per quarter, depending upon specific degree requirements.

To enroll in a Cooperative Education program, students must have prior permission from an instructor in the appropriate program and the Work Based Learning Manager, Dani Trimble. For more information, contact Dani at 360.442.2622, email dtrimble@lowercolumbia.edu or stop by the office in the Instructional Office Building, first floor.

Cooperative Education 288 students must attend a mandatory orientation on either Wednesday, September 18 from 5:30 p.m.-6:30 p.m. or Thursday, September 19 from 2:00-3:00 in the Career Center, Admissions Building 120.

Cooperative Ed 288 students must also enroll in a 1-credit Cooperative Education 289 seminar. The seminar focuses on work-related topics that complement the student's work-based learning experience. The seminar meets weekly on Thursdays from noon until 1 p.m. in MAN 148. A \$13.70 lab fee will be charged for all 288 classes.

ACCT	288	1315	DHET	288	3090	MASP	288	5220
	289	1320		289	3095		289	5225
AH	288	1405	ECED	288	3255	MATH	288	5615
	289	1410		289	3260		289	5620
AMTC	288	1445	EDUC	288	3295	MEDA	288	5710
	289	1450		289	3300		289	5715
ART	288	1585	ENGR	288	3740	MUSC	288	5910
	289	1590		289	3745		289	5915
BUS	288	2075	ENVS	288	3780	NURS	288	6120
	289	2080		289	3785		289	6125
BTEC	288	1950	FISC	288	4330	PSYC	288	6580
	289	1955		289	4335		289	6585
CDS	288	2145	HLTH	288	4670	SPCH	288	7055
	289	2150		289	4675		289	7060
CHEM	288	2165	HDEV	288	4535	WELD	288	7495
	289	2170		289	4540		289	7500
CJ	288	2245	ICP	288	4925			
	289	2250		289	4930			
CS	288	3035	LIBR	288	5110			
	289	3040		289	5115			

Criminal Justice

CJ 187	CRISIS INTERVENTION FOR PROFESSIONALS							
2240 A	3	MW	3:00p.m.-5:00p.m.	MAN 145		STAFF		
CJ& 101	INTRODUCTION CRIMINAL JUSTICE					SS		
2255 A	5	TTh	1:20p.m.-3:20p.m.	PSC 102		STAFF		
CJ& 110	CRIMINAL LAW							
2260 A	5	TTh	10:00a.m.-12:00p.m.	LIB 130		QUIRK A		
▽ 2243 DE	5	ARR	ARR			QUIRK A		

Online class.

Dance

DANCE 144 SHOW DANCE
3050 A 3 MTW 2:10p.m.-3:00p.m. RCA 102 DICK V

EVENING CLASSES

DANCE 100 INTRODUCTION TO DANCE **H,P**
▽ 3045 N 2 MW 4:15p.m.-5:30p.m. RCA 139 JASURDA M

Diesel/Heavy Equipment Technology

There is a fee of \$10.90 per student per quarter for all DHET classes.

DHET 100 ESSENTIALS OF MECHANICS
3055 A 5 TTh 9:30a.m.-12:00p.m. DTV 123 ECKLUND K

DHET 141 HYDRAULICS I
3060 A 4 TTh 7:50a.m.-9:30a.m. DTV 123 ECKLUND K
3065 B 4 TTh 12:30p.m.-2:10p.m. DTV 123 ECKLUND K

DHET 142 HYDRAULICS II
3070 A 6 MW 8:00a.m.-11:30a.m. DTV 123 ECKLUND K
3075 B 6 MW 10:30a.m.-2:00p.m. DTV 123 ECKLUND K

DHET 215 HEAVY DUTY ENGINE PERFORMANCE
3080 A 15 MTWTh 12:00p.m.-4:30p.m. DTV 106A DILLINGER J
Prerequisite: DHET 102 or instructor permission.

DHET 216 AUTO/DIESEL TUNEUP AND PERFORMANCE
3085 A 5 MTWTh 12:00p.m.-4:30p.m. DTV 106A DILLINGER J
Prerequisite: DHET 102 or instructor permission.
Start Date: 09/23/13 End Date: 10/10/13

DHET 299 INDEPENDENT STUDY
3100 A 1-2 ARR ARR DILLINGER J

Drafting

Unless noted otherwise, a computer lab fee is charged for all Drafting classes.

EVENING CLASSES

DRFT 107 TECHNICAL GRAPHICS
3105 N 1-3 MW 6:00p.m.-8:15p.m. VOC 113 MORRISON D

DRFT 151 INTRODUCTION TO CAD
3110 N 1-3 MW 6:00p.m.-8:15p.m. VOC 113 MORRISON D

DRFT 210 ADVANCED TECHNICAL GRAPHICS
3115 N 1-3 MW 6:00p.m.-8:15p.m. VOC 113 MORRISON D
Prerequisite: DRFT 107 or ENGR& 121. Computer lab fee will be charged.

DRFT 252 3D COMPUTER AIDED DRAFT
3120 N 1-3 MW 6:00p.m.-8:15p.m. VOC 113 MORRISON D
4 hours lab time per week to be arranged with the instructor. A computer lab fee will be charged.

DRFT 260 SURVEY OF CIVIL AND ARCHITECTURAL GRAPHICS
3125 N 3 MW 6:00p.m.-8:15p.m. VOC 113 MORRISON D

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

Drama

DRMA & 101 INTRODUCTION TO THEATRE:DIV:IS H

3165 IS1 5 MTWTh 9:00a.m.-12:30p.m. MAN 119 CORRELL D
 Integrative Studies: Image & Reality. Students must also enroll in ENGL& 101 IS1, item 3640, and PSYC& 100 IS1, item 6595, for a total of 15 credits.
 Satisfies the Diversity requirement.

DRMA 106 INTRODUCTION TO ACTING I:IS

3130 IS1 5 MTWTh 9:00a.m.-12:30p.m. MAN 119 CORRELL D
 Enrollment in current production not required.
 Integrative Studies: Image & Reality. Students must also enroll in ENGL& 101 IS1, item 3640, and PSYC& 100 IS1, item 6595, for a total of 15 credits.

DRMA 116 STAGE CRAFTS I

3135 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

DRMA 117 STAGE CRAFTS II

3140 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

DRMA 118 STAGE CRAFTS III

3145 A 5 MWF 1:20p.m.-2:45p.m. RCA 148 COCHRAN R

EVENING CLASSES

DRMA 196 REHEARSAL & PERFORMANCE I

3150 N 1-5 ARR 6:00p.m.-10:00p.m. RCA 131 CORRELL D
 Enrollment restricted to students in current production.

DRMA 296 REHEARSAL & PERFORMANCE IV

3160 N 1-5 ARR 6:00p.m.-10:00p.m. RCA 131 CORRELL D
 Enrollment restricted to students in current production.

Early Childhood Education

ECED& 107 HEALTH/SAFETY/NUTRITION

▽ 3185 DE 5 ARR ARR ZBAEREN J
 Online class.

ECED 110 BASICS OF CHILD CARE

▽ 3175 A 2 M 1:00p.m.-2:50p.m. VOC 111 AKINS-FIELDS

ECED& 134 FAMILY CHILD CARE

▽ 3200 DE 3 ARR ARR AKINS-FIELDS
 Online class.

ECED& 160 CURRICULUM DEVELOPMENT

▽ 3235 A 5 W 10:00a.m.-12:30p.m. VOC 111 WILLIAMSON A
 Hybrid class; partly online.

ECED 186 SOCIAL-EMOTIONAL GROWTH

▽ 3225 DE 3 ARR ARR JOHNSON S
 Online class.

ECED 260 PRACTICUM IV

▽ 3245 A 3 W 2:00p.m.-3:00p.m. VOC 111 WILLIAMSON A
 Instructor permission required to enroll.

EVENING CLASSES

ECED 136 INFANT/TODDLER SOCIAL & EMOTIONAL DEVELOPMENT

3170 N 1 Th 6:30p.m.-8:30p.m. VOC 111 AKINS-FIELDS

Earth Science

ERSI 104 INTRODUCTION TO EARTH SCIENCE W/LAB NSL

3790 A 5 MWF 11:10a.m.-12:00p.m. SCI 107 CORDERO D
 TTh 12:00p.m.-1:50p.m. SCI 107
 Lab included. Field trips may be required.
 Lab Fee: \$12.60

ERSI 105 EARTH SYSTEMS NSL

▽ 3795 DE 5 ARR ARR BARD E
 Online class.
 Lab included. Lab Fee: \$21.70

Economics

ECON 105 INTRODUCTION TO ECONOMICS SS

▽ 3270 DE 5 ARR ARR STAFF
 Online class.

▽ 3265 IS 5 DAILY 9:00a.m.-10:40a.m. MAN 233 FRANZ J
 Integrative Studies: Wealth, Success, and Fame: The beauty of data. Students will be enrolled for 10 credits - ECON 105 IS, item 3265, and MATH& 107 IS, item 5650.

ECON& 201 MICRO ECONOMICS SS

▽ 3275 A 5 MW 11:10a.m.-12:35p.m. MAN 233 FRANZ J
 Hybrid class; partly online.

EVENING CLASSES

ECON& 202 MACRO ECONOMICS SS

▽ 3280 N 5 M 6:00p.m.-8:15p.m. MAN 233 FRANZ J
 Hybrid class; partly online.

Education

EDUC 191 INTRODUCTION TO TUTORING

▽ 3285 A 1 ARR ARR WILLIAMSON A

EDUC& 115 CHILD DEVELOPMENT

▽ 3310 A 5 TTh 10:00a.m.-12:00p.m. VOC 111 ZBAEREN J

EDUC& 130 GUIDING BEHAVIOR

▽ 3276 A 3 F 10:00a.m.-1:00p.m. VOC 111 ZBAEREN J

EDUC& 136 SCHOOL AGE CARE

▽ 3277 DE 3 ARR ARR AKINS-FIELDS
 Online class.

EDUC& 205 INTRO TO EDUCATION W/FIELD EXPERIENCE:DIV D

3320 A 5 MW 4:00p.m.-5:30p.m. VOC 111 WILLIAMSON A
 This class includes participation in actual elementary classrooms in addition to class meeting times. Satisfies the Diversity requirement.

EVENING CLASSES

EDUC 215 CLASSROOM MANAGEMENT

3290 N 3 TW 5:30p.m.-7:00p.m. VOC 111 MELVILLE M

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

Engineering

ENGR & 214 STATICS

3765 A 5 MW 3:00p.m.-5:05p.m. MAN 146 MORRISON D
Prerequisite: MATH& 151 and either PHYS 251 or ENGR 106.

EVENING CLASSES**ENGR & 121 ENGINEERING GRAPHICS I**

3750 N 1-3 MW 6:00p.m.-8:15p.m. VOC 113 MORRISON D

ENGR & 122 ENGINEERING GRAPHICS II

3755 N 1-3 MW 6:00p.m.-8:15p.m. VOC 113 MORRISON D
Prerequisite: ENGR & 121 or instructor permission. A computer lab fee will be charged.

ENGR & 123 ENGINEERING GRAPHICS III

3760 N 1-3 MW 6:00p.m.-8:15p.m. VOC 113 MORRISON D
Prerequisite: ENGR & 121 or instructor permission. A computer lab fee will be charged.

English

Sections designated SP are self-paced classes. See Learning Commons—Self-Paced Learning for more information.

ENGL 072 SENTENCE AND PARAGRAPH STRUCTURE

3325 SP 1-2 ARR ARR LIB PERSONS C

ENGL 073 THE COLLEGE ESSAY

3330 SP 1-2 ARR ARR LIB PERSONS C

ENGL 090 SPELLING IMPROVEMENT

3335 SP 1 ARR ARR LIB PERSONS C

ENGL 095 GENERAL VOCABULARY BUILDNG

▽ 3340 SP 1 ARR ARR LIB PERSONS C

ENGL 096 READING WORKSHOP I

3345 A 2 DAILY 1:00p.m.-1:50p.m. MAN 149 LEACH M
Start Date: 11/04/13 End Date: 12/12/13

ENGL 097 READING WORKSHOP II

3365 A 2 DAILY 1:00p.m.-1:50p.m. MAN 149 LEACH M
Start Date: 11/04/13 End Date: 12/12/13

ENGL 098 COLLEGE-READY ENGLISH I

3385 A	5	DAILY	8:00a.m.-8:50a.m.	DTV 215	SHULKE D
3390 B	5	DAILY	8:00a.m.-8:50a.m.	MAN 205	HUTCHINSON A
3395 C	5	DAILY	9:00a.m.-9:50a.m.	MAN 205	HUTCHINSON A
3410 D	5	DAILY	10:00a.m.-10:50a.m.	DTV 215	SHULKE D
3415 E	5	DAILY	11:10a.m.-12:00p.m.	AAR 123	LEACH M
3420 F	5	DAILY	11:10a.m.-12:00p.m.	DTV 215	CONNOLLY B
3425 G	5	DAILY	11:10a.m.-12:00p.m.	DTV 233	STOWELL B
3400 H	5	DAILY	1:00p.m.-1:50p.m.	AAR 124	CONNOLLY B

3426 IT 5 DAILY 9:00a.m.-11:00a.m. DTV 214 BAUER H
Integrative Studies: Jade Footprints - Chinese Culture in Writing and Arts. Students will also be enrolled in HUM 164 IT, item 4907, for a total of 10 credits.

▽ 3460 JS 5 DAILY 3:00p.m.-4:20p.m. MAN 205 RISTER M
Intensive late start class. Start date: October 14, 2013. Call the Entry Center at 360.442.2311 for information.

3435 K	5	DAILY	1:00p.m.-1:50p.m.	VOC 116	SHULKE D
3405 L	5	MWF	3:00p.m.-4:30p.m.	MAN 125	PETTERSON A

ENGL 099 SELF-PACED LEARNING LAB PRACTICUM

3465 SP 1-3 ARR ARR LIB PERSONS C

ENGL 100 COLLEGE-READY ENGLISH II

Prerequisite: ENGL 098 with a grade of C or better.

3470 A	5	DAILY	8:00a.m.-8:50a.m.	DTV 215	SHULKE D
3475 B	5	DAILY	8:00a.m.-8:50a.m.	MAN 205	HUTCHINSON A
3480 C	5	DAILY	9:00a.m.-9:50a.m.	MAN 205	HUTCHINSON A
3495 D	5	DAILY	10:00a.m.-10:50a.m.	DTV 215	SHULKE D
3500 E	5	DAILY	11:10a.m.-12:00p.m.	AAR 123	LEACH M
3505 F	5	DAILY	11:10a.m.-12:00p.m.	DTV 215	CONNOLLY B
3510 G	5	DAILY	11:10a.m.-12:00p.m.	DTV 233	STOWELL B
3485 H	5	DAILY	1:00p.m.-1:50p.m.	AAR 124	CONNOLLY B

3511 IT 5 DAILY 9:00a.m.-11:00a.m. DTV 214 BAUER H
Integrative Studies: Jade Footprints - Chinese Culture in Writing and Arts. Students will also be enrolled in HUM 164 IT, item 4907, for a total of 10 credits.

▽ 3540 JS 5 DAILY 3:00p.m.-4:20p.m. MAN 205 RISTER M
Intensive late start class. Start date: October 14, 2013. Call the Entry Center at 360.442.2311 for information.

3520 K	5	DAILY	1:00p.m.-1:50p.m.	VOC 116	SHULKE D
3490 L	5	MWF	3:00p.m.-4:30p.m.	MAN 125	PETTERSON A

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Fall Events at Lower Columbia College



ROSE CENTER FOR THE ARTS

LCC SUMMER MUSICAL



The show centers on a group of followers who are called to gather together to create a community following a very loving and knowledgeable teacher. By sharing stories about living good lives and singing about love, joy, gratitude, judgement and redemption, the group of disparate individuals band together with a common purpose to face challenges and obstacles as they are tested along the way.

August 7-10, 7:30 p.m. • August 11, 2 p.m.
Wollenberg Auditorium

LCC BAND & CHOIR CONCERTS

All performances start at 7:30 p.m. in the Wollenberg Auditorium

Opera Gala	November 21
Symphonic Band Concert	December 6
Jazz Night	December 10
Choir Concert	December 13

Tickets & Info: lowercolumbia.edu/music



SPORTS

Cowlitz Black Bears

Longview's West Coast League team starts play June 5 at Story Field. Full schedule at: cowlitzblackbears.com

Schedules, rosters and more at lowercolumbia.edu/athletics



Come cheer for the LCC Red Devils Women's Soccer Team!

They will play Yakima Valley Community College in their first home game Saturday, August 24, at 1 p.m.

Lady Red Devils Volleyball

will open home play Friday, September 21 versus Clark College.

ART GALLERY

Summer Quarter 2013

Group Exhibit:
The Meaning of Wood
 July 22 – August 21
 Opening Reception:
 July 22, 4-6 p.m.

Fall Quarter 2013

Crows Shadow
Institute of Art - printmaking
 October 7 – 25
 Opening Reception:
 October 7, 4-6 p.m.

Group Exhibit:
Voyage to Haida Gwaii
 November 12 – 6
 Opening Reception:
 November 12, 4-6 p.m.

Student Pottery Sale
 December 9

Gallery Hours:
 Monday-Tuesday 10 am-6 p.m.
 Wednesday-Friday 10 am-4 p.m.

LCC Engineering Student Earns Nation's Largest Transfer Scholarship



Sean Gestson, a 2003 R.A. Long graduate, did well in high school but did not plan to attend college. Three generations of his family, including both parents, had successful jobs working in a local mill and he expected to follow a similar path.

But after working in retail jobs, Sean decided he wanted a more challenging career and that would require returning to school. "I lacked the confidence that I could be successful in college," he said, but his cousin encouraged him to give college a try.

So he enrolled at LCC and found his fears quickly disappeared. "We often sell ourselves short and don't know what we're capable of," Gestson said. Two years later he "still

hasn't lost the excitement" for learning. His efforts were rewarded this spring when Gestson was selected to receive the nation's largest scholarship for community college transfer students, up to \$30,000 per year, from the Jack Kent Cooke Foundation.

After graduation from LCC in June, he plans to continue his studies towards a bachelor's degree in environmental engineering at the University of Portland. He is one of 73 recipients out of nearly 800 applicants to earn the award. Past LCC recipients include 2006 graduate Tadd Wheeler, who continued on to earn a doctorate from the University of Idaho, and Camilia Wood, a 2009 graduate and now a student at the Brigham Young University Law School.

Gestson shares a passion for the environment with his wife, Ashley, and has been involved with the LCC sustainability club. He enjoys the challenge of a field that combines the application of science with math and has been inspired by his LCC instructors Dave Cordero, Environmental Studies, and Peteris Livins, Physics. Geston also won the Outstanding Engineering Student, Hall of Honors and Kiwanis Science awards for 2013.

LCJC Launched Space Career for 2013 Top Alumnus

Paul Laufman has traveled the world and even played a critical role in sending people into space, but coming home to his native Longview in recent months is equal to any of those experiences, he says.

Laufman was honored on May 18 as the Lower Columbia College Alumnus of the Year. The award recognizes alumni who have made significant contributions in their professional fields and to the college. The 1958 LCC graduate has established an endowment through the LCC Foundation to provide scholarships.

An early participant in America's space programs, Laufman was a project engineer in the development of rocket propulsion systems for major defense and manned space programs, including the Apollo Moon Landing and the Space Shuttles. At the Smithsonian's Air and Space Museum, he was privileged to discover his name was engraved on the Wall of Honor. In 1995, he co-founded United Paradyne Corporation,

which became the exclusive propellants and pressurants contractor for space missions and many commercial satellite launches worldwide.

The 1956 RA Long graduate describes himself as an average student with an early interest in rockets. He credits the hands-on teaching and relationships with his science, math and engineering instructors at LCC in preparing him for success in his engineering studies at Washington State University and his career. Dr. Harold Lang, who later served as college president, got him through tough math courses, said Laufman.

Attending LCC, then Lower Columbia Junior College, was one of his smartest decisions, he said. He connected with students from other small communities



and made lifelong friendships. He also met his wife, Marlene Worley of Kelso, at the college. A player on the Red Devil's baseball team, he turned down an offer to join the Chicago Cubs to continue his education in engineering.

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

ENGL& 101 ENGLISH COMPOSITION I

▽ 3595 A	5	DAILY	8:00a.m.-8:50a.m.	MAN 147	WALKER N
▽ 3600 B	5	DAILY	8:00a.m.-8:50a.m.	MAN 234	MOIR D
3605 C	5	DAILY	8:00a.m.-8:50a.m.	DTV 214	STAFF
▽ 3610 DE	5	ARR	ARR		AUSTIN K

Online class.

▽ 3615 DE1	5	ARR	ARR		RONISH C
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Online class.

3630 E	5	TTh	9:00a.m.-11:00a.m.	AAR 123	HERMAN J
3635 F	5	DAILY	10:00a.m.-10:50a.m.	MAN 205	CONNOLLY B
3645 G	5	MWF	11:10a.m.-12:35p.m.	MAN 203	ROOSE J
3650 H	5	MWF	11:10a.m.-12:35p.m.	DTV 232	PETTERSON A
3655 I	5	TTh	11:10a.m.-1:10p.m.	MAN 233	ROOSE J

3640 IS1	5	MTWTh	9:00a.m.-12:30p.m.	MAN 119	RONISH C
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Integrative Studies: Image & Reality. Students must also enroll in DRMA & 101 IS1, item 3165, or DRMA 106 IS1, item 3130, and PSYC& 100 IS1, item 6595, for a total of 15 credits.

3680 IT	5	DAILY	9:00a.m.-11:00a.m.	DTV 214	BAUER H
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Integrative Studies: Jade Footprints - Chinese Culture in Writing and Arts. Students will also be enrolled in HUM 164 IT, item 4907, for a total of 10 credits.

3660 J	5	MWF	1:20p.m.-2:45p.m.	DTV 214	DIGERLANDO N
3675 K	5	MWF	1:20p.m.-2:45p.m.	PSC 102	PETTERSON A
▽ 3620 L	5	MWF	1:20p.m.-2:45p.m.	DTV 232	RISTER M
3625 M	5	TTh	1:20p.m.-3:20p.m.	DTV 232	STAFF
3685 O	5	TTh	1:20p.m.-3:20p.m.	DTV 233	STAFF
▽ 3690 R	5	T	1:20p.m.-3:20p.m.	VOC 111	LEMIERE A

Hybrid class; partly online.

3695 S	5	MW	1:20p.m.-3:20p.m.	RCA 220	MOIR D
3700 T	5	TTh	1:20p.m.-3:20p.m.	AAR 123	BOWLES T

ENGL& 102 COMPOSITION II

▽ 3705 A	5	T	9:00a.m.-11:00a.m.	VOC 116	HA AUSTIN K
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Hybrid class; partly online.

3710 B	5	MW	9:00a.m.-11:00a.m.	MAN 203	HULL K
3715 C	5	TTh	11:10a.m.-1:10p.m.	DTV 214	DIGERLANDO N
▽ 3720 DE	5	ARR	ARR		MCCARTHY D

Online class.

▽ 3725 DE1	5	ARR	ARR	ARR	MCCARTHY D
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Online class.

▽ 3730 E	5	MW	1:20p.m.-3:20p.m.	MAN 207	HULL K
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ENGL 104 ACCELERATED REVIEW OF GRAMMAR AND PUNCTUATION

▽ 3547 DE	1-2	ARR	ARR		PERSONS C
▽ 3545 SP	1-2	ARR	ARR	LIB	PERSONS C

ENGL 110 INDUSTRIAL COMMUNICATION

3555 A	5	TTh	1:20p.m.-3:20p.m.	AAR 104	ROOSE J
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ENGL 124 ARTS MAGAZINE PUBLICATION

3565 A	2	F	2:45p.m.-4:45p.m.	MAN 148	H,P BAUER H
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Students must arrange one additional hour lab time per week.

ENGL 205 FILM AND DRAMA APPRECIATION:DIV

▽ 3567 A	5	TTh	1:20p.m.-3:20p.m.	DTV 215	D,H HULL K
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ENGL 221 TEACHING AND TUTORING WRITING

3568 A	3	F	12:00p.m.-2:30p.m.	MAN 119	BAUER H
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ENGL 224 ARTS MAGAZINE PUBLICATION

3575 A	2	F	2:45p.m.-4:45p.m.	MAN 148	H,P BAUER H
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Students must arrange one additional hour lab time per week.

ENGL 231 CREATIVE WRITING

▽ 3576 A	5	TTh	9:00a.m.-11:00a.m.	AAR 124	H HULL K
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ENGL 232 CREATIVE WRITING

▽ 3577 A	5	TTh	9:00a.m.-11:00a.m.	AAR 124	H HULL K
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ENGL 233 CREATIVE WRITING

▽ 3578 A	5	TTh	9:00a.m.-11:00a.m.	AAR 124	H HULL K
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ENGL& 244 AMERICAN LITERATURE I

3573 A	5	MWF	9:00a.m.-10:25a.m.	AAR 123	H HERMAN J
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ENGL 270 LITERATURE FOR CHILDREN

▽ 3580 DE	5	ARR	ARR		H MCCARTHY D
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Online class.

EVENING CLASSES**ENGL 098 COLLEGE-READY ENGLISH I**

3450 N	5	TWTh	6:00p.m.-7:25p.m.	MAN 207	STOWELL B
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ENGL 100 COLLEGE-READY ENGLISH II

3535 N	5	TWTh	6:00p.m.-7:25p.m.	MAN 207	STOWELL B
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Prerequisite: ENGL 098 with a grade of C or better.

ENGL& 101 ENGLISH COMPOSITION I

▽ 3665 N	5	T	5:15p.m.-7:30p.m.	MAN 205	LEMIERE A
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Hybrid class; partly online.

ENGL& 102 COMPOSITION II

▽ 3735 N	5	W	6:00p.m.-8:15p.m.	MAN 205	HA WALKER N
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Hybrid class; partly online.

Environment Studies**ENVS 150 ENVIRONMENT & SOCIETY:DIV**

▽ 3775 A	5	W	1:20p.m.-3:20p.m.	MAN 233	NS LAPIERRE L
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Satisfies the Diversity requirement.

Hybrid class; partly online.

▽ 3770 DE	5	ARR	ARR		LAPIERRE L
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Satisfies the Diversity requirement.

Online class.

Fire Science**FISC 105 FUNDAMENTALS OF FIRE PREVENTION**

4310 A	3	T	9:00a.m.-12:00p.m.		SAUERBREY D
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Class meets at 11606 NE 66th Circle, Suite 103, Vancouver, WA. Call 360.397.2148 for directions and/or class information.

FISC 110 FIRE SCIENCE I

4317 A	3	T	1:30p.m.-4:30p.m.	DTV 202	NEW M
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FISC 205 FIRE INVESTIGATION AND CAUSE DETERMINATION

4320 A	3	Th	9:00a.m.-12:00p.m.		SAUERBREY D
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Class meets at 11606 NE 66th Circle, Suite 103, Vancouver, WA. Call 360.397.2148 for directions and/or class information.

FISC 215 FIXED SYSTEMS AND EXTINGUISHERS

4325 A	3	Th	1:30p.m.-4:30p.m.	VOC 111	NEW M
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EVENING CLASSES**FISC 111 BASIC FIRE FIGHTING SKILLS**

4315 N	10	TTh	ARR	OC	THOMPSON J
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Meets at Cowlitz 2 Fire and Rescue, 701 Vine Street, Kelso.

Lab Fee: \$139.00

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

Geography

GEOG 105 PHYSICAL GEOGRAPHY W/LAB **NSL**
 4340 A 5 MWF 9:00a.m.-9:50a.m. SCI 107 CORDERO D
 TTh 9:00a.m.-10:50a.m. SCI 107
 Lab included. Lab Fee: \$10.30

Geology

GEOL & 208 GEOLOGY OF THE PACIFIC NW **NSL**
 4345 DE 5 ARR ARR DAWES R
 Online class.
 Lab included. Lab Fee: \$10.30

Health

All Health 100 sections will be charged a \$12.50 fee.

HLTH 100 OCCUPATIONAL SAFETY AND HEALTH
 4595 A 3 MW 11:10a.m.-12:25p.m. DTV 202 ROSS E
 4600 B 3 TTh 9:00a.m.-10:15a.m. DTV 202 STAFF
 4605 C 3 TTh 11:00a.m.-12:15p.m. DTV 202 STAFF
 4610 D 3 Th 1:30p.m.-4:00p.m. DTV 202 STAFF
 4615 E 3 Sa 8:00a.m.-4:00p.m. DTV 202 JOHNSON B
 Class meets four Saturdays only: September 21 and 28, and October 12 and 19.
 No class on October 5.
 4620 F 3 MW 9:00a.m.-10:15a.m. DTV 202 ROSS E
 4625 HB 3 ARR ARR DTV 202 ROSS E
 The 1st Aid/CPR session will be held on Saturday, October 5 from 8:00 a.m. to 5:00 p.m. in DTV 202.
 Hybrid class; partly online.

HLTH 106 HEALTH TODAY **SSA**
 4645A 2 TTh 10:00a.m.-10:50a.m. MAN 146 ROSS E
 4655DE 2 ARR ARR ROSS E
 Students must log into canvas for class instructions and syllabus.
 Online class.

EVENING CLASSES

HLTH 100 OCCUPATIONAL SAFETY AND HEALTH
 4635 N 3 T 5:15p.m.-7:45p.m. DTV 202 JOHNSON B
HLTH 106 HEALTH TODAY **SSA**
 4665 N 2 TTh 4:00p.m.-4:50p.m. VOC 112 STAFF

High School Completion

The High School Completion lab is located in the International Center. Please call 360.442.2691 for more information. Students may enroll in HSC classes for 3 or 5 credits.

HSC 075	INTRODUCTION TO DRAMA	4823
HSC 076	FAMILY LIFE	4824
HSC 080	MATH CONCEPTS-ALGEBRA	4800
HSC 085	HEALTH	4820
HSC 086	INTRODUCTION TO LITERATURE	4825
HSC 087	INTRODUCTION TO POETRY	4830
HSC 088	INTRODUCTION TO WRITING	4835
HSC 089	ENGLISH ESSENTIALS	4840
HSC 090	NATURAL HAZARDS	4845
HSC 091	ENVIRONMENTAL SCIENCE	4850
HSC 092	CIVICS	4855
HSC 093	US HISTORY I	4860
HSC 094	US HISTORY II	4865
HSC 095	WASHINGTON STATE HISTORY	4870
HSC 096	CONTEMPORARY WORLD PROBLEMS	4875
HSC 097	PERSONAL FINANCE	4880

History

HIST & 126 WORLD CIVILIZATION I:DIV **H**
 4550 A 5 TTh 1:00p.m.-3:00p.m. MAN 234 BENSON D
 Satisfies the Diversity requirement.

HIST & 128 WORLD CIVILIZATION III:DIV **SS**
 4555 A 5 TTh 1:20p.m.-3:20p.m. MAN 145 SHAH C
 Satisfies the Diversity requirement.

HIST & 136 US HISTORY 1 **SS**
 4560 A 5 MWF 9:00a.m.-10:25a.m. MAN 145 SHAH C
 4570 DE 5 ARR ARR HAMMER L
 Online class.

HIST & 137 US HISTORY 2 **SS**
 4575 DE 5 ARR ARR SHAH C
 Online class.

EVENING CLASSES

HIST & 137 US HISTORY 2 **SS**
 4580 N 5 T 5:15p.m.-7:30p.m. MAN 145 AUSTIN K
 Hybrid class; partly online.

Home & Family Life

HOFL 299 INDEPENDENT STUDY
 4795 A 1-10 ARR ARR ARR WILLIAMSON A
 Instructor permission required to enroll.

Course # Course Name

▽ Item# Sec. # Cred. # Days Time Place Instructor

Human Development

HDEV 080 TRANSITIONS

4370 POP 2 TWTh 8:40a.m.-11:00a.m. HS SWIER K

HDEV 101 CAREER PLANNING

4490 A 2 MW 1:20p.m.-2:10p.m. AAR 123 HOUGE J
 4495 B 2 TTh ARR HOUGE J
 4485 JS 2 TTh 10:00a.m.-11:10a.m. DTV 232 STAFF

Intensive late start class. Start date: October 14, 2013. Call the Entry Center at 360.442.2311 for information.

HDEV 116 LEADERSHIP AND STUDENT GOVERNMENT

4510 A 1-3 T 11:10a.m.-1:10p.m. STC AHMADIFARD R

HDEV 120 INDIVIDUAL AND GROUP RELATIONS

4515 A 1-2 M 2:00p.m.-4:00p.m. MAN 149 MCNABB A

For class information, contact instructor at mmcnabb@lowercolumbia.edu

HDEV 216 LEADERSHIP AND STUDENT GOVERNMENT

4530 A 1-3 T 11:10a.m.-1:10p.m. STC AHMADIFARD R

HDEV 299 INDEPENDENT STUDY

4545 B 1-10 ARR ARR CHAPAR J

EVENING CLASSES

HDEV 101 CAREER PLANNING

4500 N 2 T 5:15p.m.-7:00p.m. MAN 147 HEDGLIN P

HDEV 115 STRESS MANAGEMENT

4505 N 2 Th 7:00p.m.-8:40p.m. MAN 147 HEDGLIN P

Humanities

HUM 106 COMMUNITY CONVERSATIONS

4900 A 1 Th 12:00p.m.-12:50p.m. RCA 123 PERSONS C

Topic: Engaging Lessons - Sample the Best from LCC Instructors.

HUM 107 HOW TO SEE A PLAY

4905 A 1 ARR ARR CORRELL D

Students must contact the instructor via email at dcorrell@lowercolumbia.edu no later than Friday, November 1, 2013.

HUM& 116 HUMANITIES I

4910 A 5 DAILY 12:10p.m.-1:00p.m. AAR 106 LEACH M

HUM 164 CULTURAL JOURNEYS:DIV

4907 IT 5 DAILY 9:00a.m.-11:00a.m. DTV 214 DIGERLANDO N

Integrative Studies: Jade Footprints - Chinese Culture in Writing and Arts. Students must also enroll in ENGL 098 IT, item 3426, or ENGL 100 IT, item 3511, or ENGL& 101 IT, item 3680, for a total of 10 credits. Satisfies the Diversity requirement.

Individualized Certificate

The Individualized Certificate Program (ICP) provides an option for students to participate in a specialized training program combining LCC courses and a cooperative work experience with a local employer.

Students will be expected to attend a classroom seminar to build a career portfolio while learning to conduct informational interviews with professionals in their field. Students will learn how to search for future employment and build an employment portfolio.

Students may earn a Certificate of Proficiency (45+ credits) by completing all credit requirements established for their specialized program.

For more information please contact the Work Based Learning Manager, Dani Trimble, at 360.442.2622 or email dtrimble@lowercolumbia.edu

ICP 289 EMPLOYMENT PORTFOLIO SEMINAR

▽ 4930 A 1 F 12:10p.m.-1:00p.m. MAN 148 YARBROUGH S

ICP 299 INDEPENDENT STUDY

4935 A 1-10 ARR ARR STAFF

Learning Commons

Learning Commons Self-Paced Learning modules are independent study courses the student completes with assistance from instructional aides and tutors.

Students must attend an orientation on one of the first two days of the quarter, September 23 or 24. Orientations will be held at 9 and 11 a.m. and 1 p.m. in the Learning Commons, located on the ground floor of the Library.

COLL 093 TEST TAKING

2885 SP 1 ARR ARR LIB PERSONS C
 Lab fee: \$10.30

COLL 094 NOTE TAKING

2890 SP 1 ARR ARR LIB PERSONS C
 Lab fee: \$10.30

COLL 096 TEXTBOOK READING

2905 SP 1 ARR ARR LIB PERSONS C

ENGL 072 SENTENCE AND PARAGRAPH STRUCTURE

3325 SP 1-2 ARR ARR LIB PERSONS C

ENGL 073 THE COLLEGE ESSAY

3330 SP 1-2 ARR ARR LIB PERSONS C

ENGL 090 SPELLING IMPROVEMENT

3335 SP 1 ARR ARR LIB PERSONS C

ENGL 095 GENERAL VOCABULARY BUILDING

▽ 3340 SP 1 ARR ARR LIB PERSONS C

ENGL 099 SELF-PACED LEARN LAB PRACTICUM

3465 SP 1-3 ARR ARR LIB PERSONS C

ENGL 104 ACCELERATED REVIEW OF GRAMMAR AND PUNCTUATION

▽ 3545 SP 1-2 ARR ARR LIB PERSONS C

LIBR 94 INFORMATION LITERACY 1

▽ 5095 SP 2 ARR ARR LIB PERSONS C

Course # Course Name

▽ **Item# Sec. # Cred. # Days Time Place Instructor**

LIBR 104 INFORMATION LITERACY 2

▽ 5100 SP 2 ARR ARR LIB PERSONS C

LIBR 204 INFORMATION LITERACY 3

▽ 5105 SP 2 ARR ARR LIB PERSONS C

SPAN 097 SPANISH PRESENT TENSE VERBS

6920 SP 2 ARR ARR LIB PERSONS C

SPAN 098 SPANISH NOUNS/MODIFIERS

6925 SP 1 ARR ARR LIB PERSONS C

Library

Sections designated SP are self-paced classes. See Learning Commons—Self-Paced Learning for more information.

LIBR 94 INFORMATION LITERACY 1

▽ 5095 SP 2 ARR ARR LIB PERSONS C

▽ 5097 DE 2 ARR ARR PERSONS C

Online class.

LIBR 104 INFORMATION LITERACY 2

▽ 5100 SP 2 ARR ARR LIB PERSONS C

▽ 5102 DE 2 ARR ARR PERSONS C

Online class.

LIBR 204 INFORMATION LITERACY 3

▽ 5105 SP 2 ARR ARR LIB PERSONS C

Machine Trades

There is a fee of \$10.90 per student per quarter for all MASP classes.

MASP 107 MACHINING FOR RELATED OCCUPATIONS

5125 A 1-6 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

MASP 111 MACHINE SHOP I

5135 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Note: This course may be taken for 2 - 10 credits only.

MASP 112 MACHINE SHOP II

5150 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Note: This course may be taken for 2 - 10 credits only.

Prerequisite: 10 credits of MASP 107 and/or MASP 111.

MASP 113 MACHINE SHOP III

5160 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Note: This course may be taken for 2 - 10 credits only.

Prerequisite: 10 credits of MASP 112.

MASP 114 MACHINE SHOP IV

5170 A 2-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Note: This course may be taken for 2 - 10 credits only.

Prerequisite: 10 credits of MASP 113.

MASP 204 CNC MACHINING CENTER FUNDAMENTALS

5180 MK 3 ARR ARR TODD K

This section is self-paced. See instructor.

MASP 205 CNC TURNING CENTER FUNDAMENTALS

5185 MK 3 ARR ARR TODD K

This section is self-paced. See instructor.

MASP 221 CNC MILLING

5190 A 1-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 204.

MASP 222 CNC TURNING

5200 A 1-10 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 205

MASP 223 ADVANCED CNC PROCESSES

5210 A 1-6 DAILY 8:00a.m.-11:00a.m. VOC 114 TODD K

Prerequisite: MASP 221 or MASP 222.

MASP 299 INDEPENDENT STUDY

5230 MM1- 2 ARR ARR TODD K

EVENING CLASSES

MASP 107 MACHINING FOR RELATED OCCUPATIONS

5130 N 2 W 6:00p.m.-9:00p.m. VOC 114 STAFF

MASP 111 MACHINE SHOP I

5145 N 2 W 6:00p.m.-9:00p.m. VOC 114 STAFF

MASP 112 MACHINE SHOP II

5155 N 2 W 6:00p.m.-9:00p.m. VOC 114 STAFF

Prerequisite: 10 credits of MASP 107 and/or MASP 111.

MASP 113 MACHINE SHOP III

5165 N 2 W 6:00p.m.-9:00p.m. VOC 114 STAFF

Prerequisite: 10 credits of MASP 112.

MASP 114 MACHINE SHOP IV

5175 N 2 W 6:00p.m.-9:00p.m. VOC 114 STAFF

Prerequisite: 10 credits of MASP 113.

MASP 221 CNC MILLING

5195 N 2 W 6:00p.m.-9:00p.m. VOC 114 STAFF

Prerequisite: MASP 204.

MASP 222 CNC TURNING

5205 N 2 W 6:00p.m.-9:00p.m. VOC 114 STAFF

Prerequisite: MASP 205

MASP 223 ADVANCED CNC PROCESSES

5215 N 1-6 W 6:00p.m.-9:00p.m. VOC 114 STAFF

Prerequisite: MASP 221 or MASP 222.

Manufacturing

MFG 115 MANUFACTURING PROCESS

5720 A 5 DAILY 12:10p.m.-1:00p.m. VOC 113 TODD K

Computer lab fee will be charged.

MFG 140 HYDRAULICS

5730 A 4 TTh 7:30a.m.-9:30a.m. DTV 123 ECKLUND K

5735 B 4 TTh 12:30p.m.-2:10p.m. DTV 123 ECKLUND K

Course # Course Name

Item# Sec. # Cred. # Days Time Place Instructor

Mathematics
(See also: Math Achievement Center)

Math classes at LCC are offered in three different formats to meet a variety of student needs:

- Standard math classes, where a lecture is presented and homework assigned.
- Online classes
- Math Achievement Center classes, where students work on their own with the assistance of tutors and an instructor. See the next page.

It is very important that students take the Placement Assessment before enrolling in math classes. This test helps to ensure that any prerequisites are met and that students enroll in the proper level of mathematics. The Placement Assessment is given in the Entry Center. Call 360.442.2311 for more information.

Online homework and electronic textbook for all MATH 078/079, 088/089, and 098/099 provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

Please note: All mathematics prerequisites must be met with a grade of C or better. See your advisor or refer to the LCC catalog for more information.

Pre-College Math

MATH 050 REVIEW MATH—WHOLE NUMBERS — 1 Credit

5245 A 1 DAILY 10:00a.m.-10:50a.m. RCA 220 TREVINO A
Start Date: 09/23/13 End Date: 10/22/13

MATH 074 MATH PREPARATION — 1 Credit

5255 JS 1 MW 12:10p.m.-12:50p.m. AAR 123 STAFF
Intensive late start class. Start date: October 14, 2013. Call the Entry Center at 360.442.2311 for information.

MATH 078 PRE-COLLEGE MATH I — 3 Credits

5260 A 3 DAILY 10:00a.m.-10:50a.m. RCA 220 TREVINO A
Start Date: 10/23/13 End Date: 12/12/13

MATH 078/079 PRE-COLLEGE MATH I — 5 Credits

5270 and 5271 B DAILY 8:00a.m.-8:50a.m. MAN 146 WOODWORTH J
5275 and 5276 C DAILY 9:00a.m.-9:50a.m. MAN 147 WOODWORTH J
5280 and 5281 D DAILY 9:00a.m.-9:50a.m. RCA 220 TREVINO A
5285 and 5286 E DAILY 10:00a.m.-10:50a.m. DTV 233 BECK L
5290 and 5291 F DAILY 10:00a.m.-10:50a.m. MAN 147 BYKER B
5295 and 5296 G DAILY 11:10a.m.-12:00p.m. MAN 125 TREVINO A
5300 and 5301 H DAILY 12:10p.m.-1:00p.m. MAN 125 BYKER B
5305 and 5306 I DAILY 1:20p.m.-2:10p.m. MAN 147 BECK L

MATH 079/088 PRE-COLLEGE MATH I/II — 5 Credits

5360 and 5361 J DAILY 11:10a.m.-12:00p.m. AAR 124 BRIEN R

MATH 088/089 PRE-COLLEGE MATH II — 5 Credits

5385 and 5386 K DAILY 8:00a.m.-8:50a.m. AAR 106 SKEIE T
5390 and 5391 L DAILY 8:00a.m.-8:50a.m. AAR 102 SKEIE M
5395 and 5396 M MWF 9:00a.m.-10:25a.m. AAR 104 SKEIE M
5405 and 5406 O DAILY 9:00a.m.-9:50a.m. AAR 106 SKEIE T
5415 and 5416 R DAILY 10:00a.m.-10:50a.m. AAR 106 BENJAMIN B
5420 and 5421 S MWF 11:10a.m.-12:35p.m. AAR 103 MORRISON D
5425 and 5426 T DAILY 11:10a.m.-12:00p.m. AAR 106 SKEIE M
5430 and 5431 U MWF 1:20p.m.-2:45p.m. AAR 106 BRIEN R

MATH 089/098 PRE-COLLEGE MATH II/III — 5 Credits

5317 and 5318 DE ARR ARR BENJAMIN B
Online class. Online homework and electronic textbook provided by Pearson Education. Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

MATH 089/098 PRE-COLLEGE MATH II/III — 5 Credits

5485 and 5486 V DAILY 9:00a.m.-9:50a.m. VOC 112 STETZER J

Worried about college math?
*Save time, money & stress.***
Enlist Today!

MATH BOOT CAMP

July 27 • August 3
September 3-5
10 a.m.-2 p.m.

LCC, Main Building
Room 119
(Math 50-79 group)
Room 146
(Math 88-98 group)



- This student-friendly refresher math class:
- Reviews important basic math concepts
 - Teaches study skills and strategies for test taking
 - Provides practice using LCC's online math lab
- Instructors will be available to meet individually with you before and after class each day for extra help.

** Past participants have retested into higher level classes saving them time and tuition costs for completing math course requirements for their degree or certificate.

Course # Course Name

▽ **Item# Sec. # Cred. # Days Time Place Instructor**

MATH 098/099 PRE-COLLEGE MATH III — 5 Credits

5510 and 5511 W	MWF	9:00a.m.-10:25a.m.	AAR 102	RHODE C
5515 and 5516 X	DAILY	10:00a.m.-10:50a.m.	VOC 112	SWEE R
5520 and 5521 Y	MWF	11:10a.m.-12:35a.m.	AAR 102	RHODE C
5525 and 5526 Z	MWF	1:20p.m.-2:45p.m.	MAN 145	FLAKUS C

5527 and 5528 DE DAILY ARR MARTIN P

Online class. Online homework and electronic textbook provided by Pearson Education. Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

EVENING CLASSES

MATH 078/079 PRE-COLLEGE MATH I — 5 Credits

5310 and 5311 N	MTWTh	5:15p.m.-6:15p.m.	AAR 104	BECK L
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MATH 088/089 PRE-COLLEGE MATH II — 5 Credits

5400 and 5401 N	TTh	5:15p.m.-7:20p.m.	VOC 112	OLASON T
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MATH 098/099 PRE-COLLEGE MATH III — 5 Credits

5495 and 5496 N	TTh	5:15p.m.-7:20p.m.	MAN 125	DAMARIO L
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College-Level Math

MATH 105 MATH FOR HEALTH SCIENCES

5560 A	5	MWF	1:20p.m.-2:45p.m.	VOC 112	SWEE R
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MATH 106 INDUSTRIAL MATH

5565 A	5	MWF	1:20p.m.-2:45p.m.	MAN 125	BYKER B
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MATH& 107 MATH IN SOCIETY

5645 A	5	MWF	1:20p.m.-2:45p.m.	AAR 102	RHODE C
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Prerequisite: MATH 099 with a grade of C or better.

▽ 5655 DE	5	ARR	ARR		BENJAMIN B
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Prerequisite: MATH 099 with a grade of C or better.

Online class.

5650 IS	5	DAILY	9:00a.m.-10:40a.m.	MAN 233	LUCAS J
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Integrative Studies: Wealth, Success, and Fame: The beauty of data. Students will be enrolled for 10 credits - ECON 105 IS, item 3265, and MATH& 107 IS, item 5650.

MATH 112 COLLEGE ALGEBRA

5575 A	5	MWF	9:00a.m.-10:25a.m.	VOC 116	FLAKUS C
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5580 B	5	MWF	11:10a.m.-12:35p.m.	VOC 116	FLAKUS C
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5585 C	5	MWF	1:20p.m.-2:45p.m.	MAN 146	DRAUS D
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Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

MATH& 131 MATH FOR ELEMENTARY EDUCATORS

5660 A	5	MWF	11:10a.m.-12:55p.m.	MAN 146	LUCAS J
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MATH 150 PRE-CALCULUS MATH

5590 A	5	MWF	11:10a.m.-12:35p.m.	AAR 104	BENJAMIN B
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MATH& 151 CALCULUS I

5665 A	5	DAILY	8:00a.m.-8:50a.m.	MAN 145	FLAKUS C
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MATH 210 ELEMENTS OF STATISTICS

5595 A	5	DAILY	8:00a.m.-8:50a.m.	VOC 112	SWEE R
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5600 B	5	TTh	1:20p.m.-3:20p.m.	MAN 233	DRAUS D
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▽ 5605 DE	5	ARR	ARR		LUCAS J
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Online class.

MATH& 254 CALCULUS IV

5670 A	5	MWF	11:10a.m.-12:35p.m.	MAN 234	DRAUS D
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Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

EVENING CLASSES

MATH 125 APPLIED COLLEGE ALGEBRA

5587 N	5	TTh	5:15p.m.-7:20p.m.	AAR 102	RHODE C
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MATH 210 ELEMENTS OF STATISTICS

5610 N	5	MW	5:15p.m.-7:20p.m.	MAN 146	STETZER J
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Online homework and electronic textbook provided by Pearson Education.

Any technical problems may be resolved by contacting Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

Math Achievement Center

The Math Achievement Center, Main 127, is open Monday and Tuesday, 9 a.m.–6 p.m., and Wednesday and Thursday, 9 a.m.–2 p.m. Students work on their own with assistance of tutors and an instructor.

Students must attend a **mandatory orientation** the first day of the quarter at 9 a.m., 1 p.m. or 4 p.m. in Main 127. There is a minimum attendance requirement. You will receive this information at orientation.

Online homework and electronic textbook for all Pre-College Math provided by Pearson Education. To resolve technical problems, please contact Technical Support for MyLabsPlus at 1.888.883.1299 or helpdesk@lowercolumbia.mylabsplus.com

MATH 050 REVIEW MATH-WHOLE NUMBER

5250 P	1	DAILY	ARR	MAN 127	STAFF
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MATH 078 PRE-COLLEGE MATH I

5315 P	3	DAILY	ARR	MAN 127	STAFF
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MATH 079 PRE-COLLEGE MATH I

5370 P	2	DAILY	ARR	MAN 127	STAFF
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MATH 088 PRE-COLLEGE MATH II

5410 P	3	DAILY	ARR	MAN 127	STAFF
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MATH 089 PRE-COLLEGE MATH II

5460 P	2	DAILY	ARR	MAN 127	STAFF
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MATH 098 PRE-COLLEGE MATH III

5500 P	3	DAILY	ARR	MAN 127	STAFF
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MATH 099 PRE-COLLEGE MATH III

5535 P	2	DAILY	ARR	MAN 127	STAFF
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Medical Assisting

MEDA 101 MEDICAL VOCABULARY I

▽ 5680 A 3 MW 1:30p.m.-2:45p.m. AAR 126 ENGEL E
Will meet in SCI 108 on September 23.

MEDA 102 MEDICAL VOCABULARY II

▽ 5685 A 3 MW 3:15p.m.-4:30p.m. AAR 126 ENGEL E

MEDA 120 SURVEY OF HUMAN ANATOMY AND PHYSIOLOGY

5690 A 5 TTh 9:30a.m.-11:30a.m. SCI 108 STAFF
Program Director's permission required to enroll.

MEDA 161 EXAMINING ROOM PROCEDURES I

▽ 5695 A 4 W 8:00a.m.-10:30a.m. SCI 108 SOLADEY V
Program Director's permission required to enroll. Students must also enroll for one of the lab sections, MEDA 161 LA or LB.
Lab Fee: \$30.00

MEDA 161 EXAMINING ROOM PROCEDURES I—LAB

5700 LA 0 W 10:40a.m.-12:20p.m. SCI 108 SOLADEY V
5705 LB 0 F 10:40a.m.-12:20p.m. SCI 108 SOLADEY V

MEDA 205 CERTIFICATION REVIEW FOR MEDICAL ASSISTING

▽ 5707 DE 2 ARR ARR SOLADEY V

Music

MUSC 100 FUNDAMENTALS OF MUSIC

5740 A 5 TTh 1:00p.m.-3:00p.m. RCA 220 DAVIS R H

MUSC 101 THEORY AND MUSICIANSHIP

5745 A 5 MWF 10:00a.m.-11:25a.m. RCA 218 DAVIS R H
Concurrent enrollment in MUSC 111 required.

MUSC& 105 MUSIC APPRECIATION

5920 A 5 MWF 11:10a.m.-12:35p.m. RCA 220 OSBORN GR H

MUSC 106 GROUP PIANO INSTRUCTION

5750 A 2 MW 11:45a.m.-1:00p.m. RCA 221 HARBAUGH K
5755 B 2 TTh 11:00a.m.-12:15p.m. RCA 221 DAVIS R

MUSC 111 EAR TRAINING I

5760 A 1 MW 11:25a.m.-12:15p.m. RCA 218 DAVIS R

MUSC 119 AMERICAN MUSIC:DIV

▽ 5765 DE 5 ARR ARR PARTRIDGE D H
Satisfies the Diversity requirement.
Online class.

MUSC 121 BEGINNING GUITAR

5770 A 2 MW 1:10p.m.-2:00p.m. RCA 221 HARBAUGH K

MUSC 126 APPLIED MUSIC-PIANO

1 credit AAR AAR DAVIS R
5775 A Piano 5795 E Percussion
5780 B Brass 5800 F String
5785 C Guitar 5805 G Voice
5790 D Organ 5810 H Woodwind

Private music lessons are available in piano, brass, guitar, organ, percussion, string, voice, and woodwind. Student pays for private lessons in addition to tuition. Instructor permission required to enroll.

MUSC 140 CHOIR

5820 A 3 MWF 1:10p.m.-2:00p.m. RCA 102 OSBORN GR H,P
Lab Fee: \$6.90

MUSC 144 SHOW CHOIR

5825 A 3 MWF 2:10p.m.-3:00p.m. RCA 102 OSBORN GR H,P
Lab Fee: \$6.90

MUSC 145 BEGINNING VOICE

5830 A 2 MW 10:10a.m.-11:00a.m. RCA 102 OSBORN GR H
Lab Fee: \$6.90

MUSC 206 GROUP PIANO INSTRUCTION

5850 A 2 MW 11:45a.m.-1:00p.m. RCA 221 HARBAUGH K
5855 B 2 TTh 11:00a.m.-12:15p.m. RCA 221 DAVIS R

MUSC 222 OPERA WORKSHOP

5865 A 2 MW 4:10p.m.-5:00p.m. RCA 102 OSBORN GR

MUSC 226 APPLIED MUSIC-PIANO

1 credit AAR AAR DAVIS R
5870 A Piano 5890 E Percussion
5875 B Brass 5895 F String
5880 C Guitar 5900 G Voice
5885 D Organ 5905 H Woodwind

Private music lessons are available in piano, brass, guitar, organ, percussion, string, voice, and woodwind. Student pays for private lessons in addition to tuition. Instructor permission required to enroll.

EVENING CLASSES

MUSC 130 JAZZ ENSEMBLE

5815 N 2 M 7:00p.m.-9:00p.m. RCA 102 OSBORN GR H,P
Instructor permission required to enroll.
Lab Fee: \$6.90

MUSC 150 SYMPHONIC BAND

5840 N 2 Th 7:00p.m.-9:00p.m. RCA 102 OSBORN GR H,P
Instructor permission required to enroll.
Lab Fee: \$6.90

Important News Update: Medical Assisting

As of July 1, 2013 Certification is now required of Medical Assistants. LCC offers a new online course, MEDA 205 Certification Review to help candidates prepare for the exam.

- LCC Medical Assisting Program students are prepared for this profession.
- Certification exam preparation available online!
MEDA 205: Certification Review for Medical Assisting.

For more information about the program, go to lowercolumbia.edu/meda. The "Program Fact Sheet" will be especially helpful.



Veteran's Services

Lower Columbia College has been designated as a Military Friendly School on the basis of its educational programs, support services and financial assistance dedicated to helping veterans and members of the military succeed in their college goals. The ranking by GI Jobs goes to just the top 15% of colleges in the nation that meet this criteria.



The college offers approved educational programs to eligible veterans and eligible dependents of deceased or totally disabled veterans under Title 38 and Title 10, U.S. Code.

LCC staff provides assistance with completing the process to apply for college funds, veteran's health benefits and other college services. To get started, veterans need Copy #4 of their DD Form 214, Report of Separation from Active Service.

Resident veterans who served, or who provided direct support to American soldiers, in a combat zone may also qualify for special tuition rates and other financial aid.

Veterans planning to enroll at LCC are encouraged to familiarize themselves with available VA Education Benefits.

The College participates in the following V.A. educational programs

- Montgomery GI Bill—Active Duty program based on the veteran's active military service;
- Montgomery GI Bill—Selected Reserve program for military reserve and National Guard service;
- The V.A. Vocational Rehabilitation program for veterans with service-connected disabilities;
- The Survivors and Dependents Educational Assistance program.

Veteran's Voices

If you are a veteran who has served in the Armed Forces and are attending Lower Columbia College, you are invited to join our Veterans' Voices Group, which meets twice each month. Veterans decide the meeting agenda. Some possible topics include:

- Navigating the Veteran's Affairs system
- Financial Aid for college
- National scholarships available to veterans
- Housing Assistance information
- VFW Presentations
- Connecting with other veterans on campus
- Making the transition back home
- Outreach projects for military and veteran community
- Veteran-related campus events
- Employment assistance through work source veterans representative



Bryan Bales
Vet Corps Representative

Veteran's Corner

LCC graduate and U.S. Marine Corps veteran Bryan Bales will be assisting veterans attending LCC at the new Vets Corner area upstairs in the Student Center this year. A 2004 graduate of Kelso High School and 2011 LCC graduate, Bryan is completing his bachelor's

degree at WSU Vancouver. He's available from 10 a.m. to 4 p.m., Monday-Friday, to help veterans with questions about benefits, attending college, job searches or just to talk. Please stop by!



For more information feel free to contact:
Bryan Bales, Vet Corps Navigator, b.bales@washingtonvetcorps.org, 360.442.2346

Nursing

The Lower Columbia College Nursing Program is committed to providing excellence in nursing education that encompasses holistic caring, respect for individuality and diversity, accountability and responsibility, critical thinking and clinical expertise. Nursing is a demanding and rewarding profession that requires strong communications skills, excellent problem-solving abilities, focused concentration when performing a task, attention to detail, the ability to work well with others, and extensive knowledge of the sciences.

Students interested in a nursing career can find information about LCC's nursing programs at www.lowercolumbia.edu/nursing. Students who have been admitted to the nursing program should contact their advisor for course and registration information.

Nursing Assistant (NURS 090) is an 8-credit course that provides students the content and experience to give basic nursing care to patients under the supervision of a licensed nurse. Please contact Bev Ylen, Nursing and Allied Health Program Assistant, 360.442.2860 for course information and to register.

EVENING CLASSES

NURS 090 NURSING ASSISTANT

▽ 5930 N 8 ARR ARR OC GROH A
Instructor permission required to enroll.
Lab Fee: \$41.50

▽ 5935 NA 8 ARR 4:00p.m.-9:30p.m. AAR 129 LANDON C
Instructor permission required to enroll.
Lab Fee: \$41.50

Nutrition

NUTR&101 NUTRITION

6135 A 5 TTh 1:50p.m.-3:50p.m. AAR 102 ROSS E NS
▽ 6140 DE 5 ARR SPONSELLER B
Online class.

▽ 6145 DE1 5 ARR PECORE J
Online class.

Oceanography

OCEA& 101 INTRODUCTION TO OCEANOGRAPHY

▽ 6152 DE 5 ARR ARR KHANDRO L NSL
Online class.
Lab included. Lab Fee: \$10.30

Philosophy

PHIL& 101 INTRODUCTION TO PHILOSOPHY

6500 A 5 MWF 9:00a.m.-10:25a.m. MAN 146 SHAW D H

Physical Education

A \$6.90 fee is charged for each Physical Education class.

PHED 104 BEGINNING PILATES & STRETCH

6350 A 1 TTh 10:00a.m.-10:50a.m. RCA 139 DAVIS T
6345 B 1 TTh 12:00p.m.-12:50p.m. RCA 139 JASURDA M

PHED 121 BEGINNING FOIL FENCING

6355 A 1 W 1:20p.m.-3:00p.m. MAN 148 SWEE R

PHED 122 INTERMEDIATE FOIL FENCING

6360 A 1 W 1:20p.m.-3:00p.m. MAN 148 SWEE R

PHED 127 ZUMBA I

6365 A 1.5 MWF 12:00p.m.-12:50p.m. RCA 139 DAVIS T

PHED 128 WEIGHT TRAINING

6370 A 1-2 ARR ARR STC STAFF

PHED 129 AQUA ZUMBA I

6375 A 1 TTh 11:55a.m.-12:40p.m. MM DAVIS T

PHED 135 FITNESS WALKING

6380 A 1-2 MWF 1:20p.m.-2:25p.m. RCA 139 DAVIS T

PHED 140 BASKETBALL: MEN

6385 A 1 DAILY 4:00p.m.-5:00p.m. AAR 106 ROFFLER J

PHED 141 BASKETBALL: WOMEN

6390 A 1 DAILY 2:00p.m.-3:00p.m. AAR 124 MEADORS C

PHED 146 FASTPITCH SOFTBALL-WOMEN

6395 A 1 DAILY 3:00p.m.-5:00p.m. OC FULLER T

PHED 149 APPLIED SOCCER-WOMEN

6400 A 2 MTWTh 3:10p.m.-5:10p.m. AAR 124 CRUSER H

PHED 152 PERSONALIZED FITNESS

▽ 6405 DE 1 ARR ARR ARR ROSS E
Students must log into canvas for class instructions and syllabus.
Online class.

PHED 160 BASEBALL

6410 A 1 MTWTh 2:00p.m.-4:30p.m. ARR FERGUS D

PHED 204 INTERMEDIATE PILATES & STRETCH

6430 A 1 TTh 10:00a.m.-10:50a.m. RCA 139 DAVIS T
6425 B 1 TTh 12:00p.m.-12:50p.m. RCA 139 JASURDA M

PHED 227 ZUMBA II

6435 A 1.5 MWF 12:00p.m.-12:50p.m. RCA 139 DAVIS T

PHED 228 WEIGHT TRAINING

6440 A 1-2 ARR ARR STC STAFF

PHED 229 AQUA ZUMBA II

6445 A 1 TTh 11:55a.m.-12:40p.m. MM DAVIS T

PHED 235 FITNESS WALKING

6450 A 1-2 MWF 1:20p.m.-2:25p.m. RCA 139 DAVIS T

PHED 240 BASKETBALL: MEN

6455 A 1 DAILY 4:00p.m.-5:00p.m. AAR 106 ROFFLER J

PHED 241 BASKETBALL: WOMEN

6460 A 1 DAILY 2:00p.m.-3:00p.m. AAR 124 MEADORS C

PHED 246 FASTPITCH SOFTBALL-WOMEN
6465 A 1 DAILY 3:00p.m.-5:00p.m. OC FULLER T

PHED 249 APPLIED SOCCER-WOMEN
6470 A 2 MTWTh 3:10p.m.-5:10p.m. AAR 124 CRUSER H

PHED 252 PERSONALIZED FITNESS
▽ 6475 DE 1 ARR ARR ARR ROSS E
Students must log into canvas for class instructions and syllabus.
Online class.

PHED 260 BASEBALL
6480 A 1 MTWTh 2:00p.m.-4:30p.m. ARR FERGUS D

EVENING CLASSES

PHED 167 APPLIED VOLLEYBALL
6415 N 2 DAILY 5:30p.m.-7:30p.m. MAN 203 GILCHRIST M

PHED 171 PREVENTION AND CARE OF ATHLETIC INJURIES
6420 N 3 M 6:00p.m.-9:15p.m. AAR 106 EARNEST E
Lab Fee: \$18.20

PHED 267 APPLIED VOLLEYBALL
6485 N 2 DAILY 5:30p.m.-7:30p.m. MAN 203 GILCHRIST M

Physical Science

EVENING CLASSES

PHSC 109 ENERGY AND MATTER NSL
▽ 6505 N 5 TTh 5:15p.m.-7:45p.m. PSC 104 WOLFER A
Lab included.
Lab Fee: \$12.60

Physics

PHYS& 114 GENERAL PHYSICS I NSL
▽ 6510 A 5 MWThF 8:00a.m.-8:50a.m. SCI 102 LIVINS P
Students must also enroll in one of the lab sections, PHYS& 114 LA, LB or LC.
Lab Fee: \$12.60

PHYS& 114 GENERAL PHYSICS I — LAB
6515 LA 0 T 9:00a.m.-11:00a.m. SCI 102 LIVINS P
6520 LB 0 T 11:00a.m.-1:00p.m. SCI 102 LIVINS P
6525 LC 0 ARR ARR SCI 102 LIVINS P

PHYS& 221 ENGINEERING PHYSICS I NSL
▽ 6530A 5 MWThF 10:00a.m.-10:50a.m. SCI 102 LIVINS P
Students must also enroll in one of the lab sections, PHYS& 221 LA, LB or LC.
Lab Fee: \$12.60

PHYS& 221 ENGINEERING PHYSICS I — LAB
6535 LA 0 T 1:00p.m.-3:00p.m. SCI 102 LIVINS P
6540 LB 0 Th 1:00p.m.-3:00p.m. SCI 102 LIVINS P
6545 LC 0 ARR ARR SCI 102 LIVINS P

Political Science

POLS& 101 INTRODUCTION POLITICAL SCIENCE SS
6565 A 5 MW 1:00p.m.-3:00p.m. MAN 234 BENSON D

POLS& 202 AMERICAN GOVERNMENT SS
6570 A 5 MW 9:00a.m.-11:00a.m. MAN 234 BENSON D
▽ 6575 DE 5 ARR ARR CASCADDAN D
Online class.

Process Manufacturing

PMFG 150 ELECTRICAL AND ELECTRONIC FUNDAMENTALS
6550 A 6 MTWTh 3:20p.m.-5:00p.m. VOC 116 JOINER T

EVENING CLASSES

PMFG 151 PROCESS CONTROL EQUIPMENT
6560 N 5 MW 5:15p.m.-7:15p.m. VOC 151 JOINER T

Psychology

PSYC& 100 GENERAL PSYCHOLOGY SS
▽ 6590 A 5 TTh 9:00a.m.-11:00a.m. MAN 235 WEAVER N
▽ 6600 B 5 MW 11:00a.m.-1:00p.m. VOC 112 SUEK J
▽ 6610 C 5 MW 11:10a.m.-1:10p.m. MAN 235 WEAVER N
▽ 6605 DE 5 ARR ARR TUCKER J
Online class.
6615 E 5 MW 1:20p.m.-3:20p.m. MAN 119 LISTY A
6620 F 5 TTh 1:20p.m.-3:20p.m. MAN 125 HAYES B
6625 G 5 TTh 1:20p.m.-3:20p.m. VOC 112 LISTY A

6595 IS1 5 MTWTh 9:00a.m.-12:30p.m. MAN 119 STRAYER M
Integrative Studies: Image & Reality. Students must also enroll in DRMA & 101 IS1, item 3165, or DRMA 106 IS1, item 3130, and ENGL& 101 IS1, item 3640, for a total of 15 credits.

PSYC& 200 LIFESPAN PSYCHOLOGY SS
6642 A 5 TTh 9:00a.m.-11:00a.m. PSC 102 STAFF
▽ 6640 B 5 MW 1:20p.m.-3:20p.m. MAN 235 STRAYER M
▽ 6645 DE 5 ARR ARR STAFF
Online class.

EVENING CLASSES

PSYC& 100 GENERAL PSYCHOLOGY SS
▽ 6630 N 5 T 5:15p.m.-7:30p.m. MAN 234 TUCKER J
Hybrid class; partly online.

Sociology

All sections of SOC& 101 satisfy the diversity requirement.

SOC& 101 INTRODUCTION TO SOCIOLOGY:DIV	SS
▽ 6895 A 5 MW 9:00a.m.-11:00a.m. MAN 235	WEAVER N
Satisfies the Diversity requirement.	
6900 B 5 TTh 9:00a.m.-11:00a.m. MAN 145	SHAW D
Satisfies the Diversity requirement.	
▽ 6905 DE 5 ARR ARR	STAFF
Satisfies the Diversity requirement.	
Online class.	
▽ 6910 DE1 5 ARR ARR	STAFF
Satisfies the Diversity requirement.	
Online class.	

EVENING CLASSES

SOC& 101 INTRODUCTION TO SOCIOLOGY:DIV	SS
6915 N 5 MW 6:00p.m.-8:15p.m. MAN 235	STAFF

Spanish

All DE sections are online, using Maestro and email communication with the instructor. A Distance Education fee will be charged.

After registering, students must contact Alex Emerson at aemerson@lowercolumbia.edu.

The sections designated SP are self-paced classes. See Learning Commons—Self-Paced Learning for more information.

All sections of SPAN& 121, 122 and 123 satisfy the Diversity requirement.

SPAN 097 SPANISH PRESENT TENSE VERBS	
6920 SP 2 ARR ARR	LIB PERSONS C
SPAN 098 SPANISH NOUNS AND MODIFIERS	
6925 SP 1 ARR ARR	LIB PERSONS C
SPAN& 121 SPANISH I:DIV	H
6940 A 5 DAILY 8:00a.m.-8:50a.m. MAN 125	EMERSON A
Satisfies the Diversity requirement.	
6945 B 5 DAILY 9:00a.m.-9:50a.m. MAN 125	EMERSON A
Satisfies the Diversity requirement.	
6950 C 5 DAILY 10:00a.m.-10:50a.m. MAN 125	EMERSON A
Satisfies the Diversity requirement.	
6955 DE 5 ARR ARR	EMERSON A
SPAN& 122 SPANISH II:DIV	H
6965 DE 5 ARR ARR	EMERSON A
SPAN& 123 SPANISH III:DIV	H
6970 DE 5 ARR ARR	EMERSON A
SPAN& 221 SPANISH IV	H
6975 DE 5 ARR ARR	EMERSON A
SPAN& 222 SPANISH V	H
6980 DE 5 ARR ARR	EMERSON A
SPAN& 223 SPANISH VI	H
6985 DE 5 ARR ARR	EMERSON A

Speech

SPCH 104 INTERPERSONAL COMMUNICATION	H
6990 A 5 TTh 11:10a.m.-1:10p.m. AAR 102	NEILL S

SPCH 110 INTRODUCTION TO PUBLIC SPEAKING	H
7000 A 5 TTh 10:00a.m.-12:00p.m. MAN 203	SCHABOT D
6995 B 5 MW 11:10a.m.-1:10p.m. MAN 147	SCHABOT D
7015 C 5 MW 1:20p.m.-3:20p.m. DTV 215	SUEK J

▽ 7005 DE 5 ARR ARR	MOORE LD
Students are required to have a WebCam, complete an online Blackboard training, and students are REQUIRED to meet online every Monday at 5:30 p.m. Please contact instructor at ldmoore@lowercolumbia.edu for more information.	
Online class.	

SPCH 114 SMALL GROUP COMMUNICATION	H
7020 A 5 MW 1:20p.m.-3:20p.m. DTV 233	SCHULTZ L
7025 B 5 TTh 1:20p.m.-3:20p.m. DTV 214	NEILL S

SPCH 126 COMPETITIVE PUBLIC SPEAKING	
7035 A 2 MW 3:30p.m.-5:30p.m. RCA 141	SCHABOT D

SPCH 136 INTERCOLLEGIATE DEBATE	
7040 A 2 MW 3:30p.m.-5:30p.m. RCA 141	SCHABOT D

SPCH 226 COMPETITIVE PUBLIC SPEAKING	
7045 A 2 MW 3:30p.m.-5:30p.m. RCA 141	SCHABOT D

SPCH 236 INTERCOLLEGIATE DEBATE	
7050 A 2 MW 3:30p.m.-5:30p.m. RCA 141	SCHABOT D

SPCH 290 FORENSIC MANAGEMENT AND ORGANIZATION	
7065 A 1 MW 3:00p.m.-5:00p.m. RCA 141	SCHABOT D

EVENING CLASSES

SPCH 110 INTRODUCTION TO PUBLIC SPEAKING	H
▽ 7010 N 5 W 6:00p.m.-8:15p.m. RCA 220	MOORE LD
Hybrid class; partly online.	

SPCH 114 SMALL GROUP COMMUNICATION	H
▽ 7030 N 5 M 6:00p.m.-8:15p.m. RCA 220	STAFF
Hybrid class; partly online.	

Technology

TECH 100 ADVANCED PRINCIPLES OF TECHNOLOGY	NSA
7090 A 5 MW 1:20p.m.-4:00p.m. VOC 115	BYMAN S

Welding Technology

A \$10.90 per-credit fee to a maximum of \$109 is charged for each welding class.

WELD 105 RELATED WELDING I

7230 A	6	DAILY	8:00a.m.-11:00a.m.	VOC 161	EVALD A
Only welding majors may enroll for this class.					
7235 B	1-6	MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD A
7240 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	EVALD A

WELD 151 INTRODUCTION TO OXY ACETYLENE

7280 A	6	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.					
7285 B	1-6	MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7290 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

WELD 152 INTRODUCTION TO ARC WELDING

7315 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.					
7320 B	1-8	MWThF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7325 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

WELD 221 WIRE MACHINE

7345 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7350 B	6	MWF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7355 C	6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

WELD 222 ADVANCED WIRE MACHINE

7375 A	6	MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7380 B	6	MWF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7385 C	6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

WELD 254 ARC WELDING

7405 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.					
7410 B	1-8	MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7415 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

WELD 255 ADVANCED WELDING PROCESSES

7435 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.					
7440 B	1-8	MWThF	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
7445 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

WELD 256 ADVANCED WELDING APPLICATION

7465 A	10	DAILY	8:00a.m.-11:00a.m.	VOC 161	BYRUM/EVALD
Only welding majors may enroll for this class.					
7470 B	1-8	MWThF	8:00a.m.-11:00a.m.	VOC 161	EVALD/BYRUM
7475 C	1-6	MWF	1:00p.m.-4:00p.m.	VOC 161	BYRUM/EVALD

WELD 299 INDEPENDENT STUDY

7505 A	1-10	ARR	ARR	ARR	WELD FACULTY
Instructor permission required to enroll.					

EVENING CLASSES

WELD 105 RELATED WELDING I

7250 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7255 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7260 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

WELD 151 INTRODUCTION TO OXY ACETYLENE

7295 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7300 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7305 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

WELD 152 INTRODUCTION TO ARC WELDING

7330 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7335 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7340 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

WELD 221 WIRE MACHINE

7360 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
Students enrolling for WELD 221 in the evening must enroll for section NA, NB, and NC. (6 credits only)					
7365 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
Students enrolling for WELD 221 in the evening must enroll for section NA, NB, and NC. (6 credits only)					
7370 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R
Students enrolling for WELD 221 in the evening must enroll for section NA, NB, and NC. (6 credits only)					

WELD 222 ADVANCED WIRE MACHINE

7390 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
Students enrolling for WELD 222 in the evening must enroll for section NA, NB, and NC. (6 credits only)					
7395 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
Students enrolling for WELD 222 in the evening must enroll for section NA, NB, and NC. (6 credits only)					
7400 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R
Students enrolling for WELD 222 in the evening must enroll for section NA, NB, and NC. (6 credits only)					

WELD 254 ARC WELDING

7420 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7425 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7430 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

WELD 255 ADVANCED WELDING PROCESSES

7450 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7455 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7460 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

WELD 256 ADVANCED WELDING APPLICATION

7480 NA	2	Th	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7485 NB	2	T	6:00p.m.-9:00p.m.	VOC 161	EVALD A
7490 NC	2	W	6:00p.m.-9:00p.m.	VOC 161	BUSLEY R

WELD 299 INDEPENDENT STUDY

7515 NA	1-10	Th	6:00p.m.-9:00p.m.	ARR	EVALD A
7520 NB	1-10	T	6:00p.m.-9:00p.m.	ARR	EVALD A
7525 NC	1-10	W	6:00p.m.-9:00p.m.	ARR	BUSLEY R
Instructor permission required to enroll.					

Adult Basic Education

Adult Basic Education classes are non-credit classes available to anyone 16 years or older needing to review or learn basic skills. Classes cost \$25 per quarter.

In addition to reading, writing and math skills, basic computer classes are also available. Pre-registration is encouraged, but students may enroll any time during the quarter. Language and math skills are assessed before you enroll. Students 16–18 need a signed release from their district high school. Call 360.442.2580 for more information.

Longview ABE Classes

Lower Columbia College (15th Avenue, Vocational Building)

Daily 8:30 a.m.-9:20 a.m.
 9:30 a.m.-10:20 a.m.
 10:30 a.m.-11:20 a.m.
 11:30 a.m.-12:20 p.m.
 1:30 p.m.-2:20 p.m.
 2:30 p.m.-3:20 p.m.
 Mon-Thurs 5:30 p.m.-9:10 p.m.

LCC Head Start (19th Ave.)
 Tues-Thurs 9:00 a.m.-10:55 a.m.

GED Fast Track (15th Avenue, Science Building 101)
Intensive, individualized instruction for students who are almost ready to take the GED tests.
 Mon-Thurs 2:30 p.m.-5:00 p.m.
 Mon-Thurs 6:00 p.m.-9:00 p.m.

Goodwill (15th Avenue)
 Tues-Thurs 1:00 p.m.-2:55 p.m.
 Mon & Fri 1:00 p.m.-3:20 p.m. (GED in Spanish)

Kelso ABE Classes

Barnes Elementary School (1601 Bowmont Ave.)
 Tues-Thurs 9:00 a.m.-10:55 a.m.

WorkSource (S. Pacific Ave.)
 Daily 9:00 a.m.-3:50 a.m., 50-minute classes on the hour

Woodland ABE Classes

Woodland Middle School
 Tues & Thurs 6:00 p.m.-9:20 p.m.

I-BEST Job Training
 Do you need better reading, writing, mathematics, English or study skills to move up to a better job? I-BEST career training programs offer extra help for ABE and ESL students. See page 12.

On-Ramp to I-BEST
 On-Ramp to I-BEST classes are for students who need a little extra work before they're ready for I-BEST or other college classes. Spring classes will meet Monday through Friday, 10 a.m.-2:20 p.m., with a short lunch break. Contact Sara Rinearson for information at 360.442.2585 or email srinearson@lowercolumbia.edu.

English as a Second Language

English as a Second Language classes are non-credit classes designed to teach reading, writing, speaking and listening. Classes cost \$25 per quarter. They are held at Lower Columbia College, Woodland Middle School, St. Rose School, and other locations.

Students may enroll anytime during the quarter. Registration and language assessment take place the first day that students attend class. Call 360.442.2580 for more information.

Longview ESL Classes

Lower Columbia College (15th Avenue, Vocational Building)

Daily 8:30 a.m.-9:20 a.m.
 9:30 a.m.-10:20 p.m.
 10:30 a.m.-11:20 a.m.
 Mon-Thurs 5:30 p.m.-9:10 p.m.

**Broadway School
(8th Avenue and Broadway)**
 Tues-Thurs 9:00 a.m.-10:55 a.m.

**St. Rose School
(720 26th Avenue)**
 Tues & Thurs 6:00 p.m.-9:20 p.m.

Woodland ESL Classes

Woodland Middle School
 Mon & Wed 6:00-9:20 p.m.

Get on the Fast-Track to GED!

The GED certifies that a person has high school level skills. Many people get their GED to qualify for a job; others to take college-level classes.

Some students just need to review, or to fill a couple of gaps. Others chip away at it for many months. Fast Track GED classes are for those who are within striking distance.

Instructor Loree Schultz tests each student, steering them to the just the learning materials they need. They test their progress frequently, and take the GED practice tests to make sure they're ready, before they take the GED test for real.



Most of her students enter with CASAS test scores of level 5 in reading and level 4 in math. LCC offers the Fast Track two ways: as a 5-week sprint to the GED finish line for students have already taken Algebra, and a 10-week push for students who haven't. "You study as as much as you can, as fast as you can, and when you're ready, you take the test."

Students work three hours per day, four days per week, learning and practicing mostly online. "The computers are both motivating and focusing...People can do the programs on their own, but when they get stuck, they need a teacher."

CONTINUING EDUCATION

Continuing Education at Lower Columbia College assists individuals and business/industry to meet their personal, professional and corporate education and training needs by offering non-credit classes to the community. These classes are offered both on-site and online, to accommodate the needs of our students.

Business & Finance

Administrative Assistant Fundamentals-Online

This course will help you discover and gain experience with the essentials of managerial and staff support, information and records management, communications technology, travel and meeting coordination, space planning and office ergonomics. You'll become a valuable team player by being able to identify opportunities and implementing solutions to become more productive. \$99

Register at www.ed2go.com/lcbbic

Mastery of Business Fundamentals-Online

In this course you'll begin to understand the significance of strategic planning and discover how external and internal environmental factors affect an organization. You'll learn about various organizational structures and determine how to use leadership, motivation and control for maximum impact. Learn to use performance measurements to stay on track. \$99

Register at www.ed2go.com/lcbbic

Business & Professional Development

LCC offers a variety of services supporting workforce development and customized training through the Workforce & Continuing Education Department. Working with area business, industries and agencies, LCC offers Work Keys profiling and assessment services to provide employers, employees and job seekers with direct information regarding the skills needed to succeed in various jobs. Employees and job seekers can measure their skills and compare them to skill profiles for specific jobs. Follow-up training using KeyTrain and other tools is available.

Employees and job seekers can document skill proficiency by taking the three assessments on the National Career Readiness Certificate (NCRC) – Applied Mathematics, Reading for Information and Locating Information. The NCRC is a portable, evidence-based credential that certifies essential skills needed for workplace success.

LCC also offers computer skills testing, typing tests and other tests to measure the skill level of employees and applicants.

Support for companies looking for specialized training is also available. LCC frequently works with employers to provide or arrange customized training in a variety of areas, including job-specific Spanish language courses, quality assurance, business computer applications, customer service, and other areas critical to organizational success.

Ice House Entrepreneurship Program

Ice House Entrepreneurship Program (IHEP) is designed to inspire and engage participants in the fundamental aspects of an entrepreneurial mindset and the unlimited opportunities it can provide. Lessons focus on recognizing opportunities, using imagination and vision to shape circumstances, building your brand and creating community.

Facilitator Jerry Petrick, Business Advisor, Washington State University Small Business Development Center.

15 hours over a 10 week period

Please contact Lynell Amundson at 360.442.2601 or lamundson@lowercolumbia.edu for more information.

Build a Website for Yourself or Your Business

Web presence is crucial to marketing your business. Most individual's first encounter with you is through your website. In this four-day workshop, you'll discover how to build your own website without having to be a Programmer. You'll learn everything from domain names, hosting, databases and Wordpress installation, including theme setup and configuration. Learn the tools you can use online to build a profitable Internet presence. Class will meet for four full days in DTV 201. (Michelle Brubaker) \$275

CLCE 041 A 2492 TH/F 9/12-13, 9/19-20 9 a.m.-3 p.m.

Upper Level and Senior Management Series

Since 1970, Development Dimensions International, DDI, has been helping corporations around the world close the gap between where their business needs to go and the talent they must have to take them there. Vigilant, who has been providing leadership and management training for more than 50 years, has partnered with DDI to design programs that meet specific business needs, such as Building a High Performance Culture, Embracing Change, Improving Productivity and Reducing Costs and Promoting Accountability.

This series, offered in partnership with Vigilant, include five half day sessions.

Training sessions are:

- October 3rd: Essentials of Leadership
- October 10th: Coaching for Peak Performance
- October 17th: Delegating for Results
- October 24th: Influential Leadership
- October 31st: Boosting Business Results

All sessions run from 8:30am to 12:30pm and meet in the Don Talley Building, Room 201. Seating is limited.

Series price \$1095.00. Use item #2493

Call for details or to register! (360) 442-2840 or (360) 442-2601

Questions? E-mail Lynell Amundson, lamundson@lowercolumbia.edu or Leeann Curry, lc Curry@lowercolumbia.edu

These courses are approved for Continuing Education Units through the International Association for Continuing Education and Training.

About Continuing Education

For the latest information about Continuing Education, see www.lowercolumbia.edu/ce or visit us on Facebook at “Lower Columbia College Continuing Education.”

It’s easy to sign up for classes:

- Call 360.442.2840 or 360.442.2841 to sign up over the phone with a Visa or a MasterCard. If we are away from the phone, please leave your name and return phone number on our voicemail and we will call you back.
- OR fill out the form on page 46 and mail it to us with a check, money order, or credit card information
- OR fax the form to 360.442.2609 with credit card info.

Questions? Call us!

Continuing Education, 360.442.2600
 Business & Workforce Training, 360.442.2601
 Community Education, 360.442.2840
 Caregiving, 360.442.2602

Refund Policy:

If you decide not to take a class you’ve enrolled in, we must receive notice three business days prior to the course date in order for you to receive a refund. Refunds will automatically be issued in the event of course cancellation.

Continuing Education Online:

We offer online, short-term, non-credit courses for personal or professional development. To register for any of these classes or to view more course listings, in addition to the ones we have listed throughout, go to the provider websites listed below. Our online providers include:

■ ED2GO—

www.lowercolumbia.edu/ed2go.

The Ed2go online instruction center is the leader in online learning for adults, providing quality online continuing education courses geared for you! These 6-week, highly interactive classes start the third Wednesday of each month. Most require only Internet access and an email account.

Choose from Career & Professional, Computers & Technology, Personal Development, Writing & Publishing, and more!

■ GATLIN EDUCATION SERVICES

www.gatlineducation.com/lccbic.

LCC, in partnership with Gatlin Education Services (GES), offers online open-enrollment programs designed to provide skills necessary to acquire professional level positions for many in-demand occupations. These programs are developed by a team of professionals from each field. Instructors/mentors are actively involved in your learning experience, responding to questions or concerns and encouraging and motivating students to succeed.

Areas of interest include: Healthcare & Fitness, Business & Professional, IT & Software Development, Management & Corporate, Media & Design, Hospitality & Gaming, Skilled Trades & Industrial, Sustainable Energy & Going Green, and more!

Workforce Training

Flaggers Certification

Get your Washington State Flagger Certification by attending this required 8-hour training. Fee includes the Flaggers Handbook and certification card. Individuals will receive a Flaggers Certification card upon successful completion of the training and the Evergreen Safety Council Flagger Certification Test. (For those renewing, a current Flagger Certification card must be presented to instructor.) If you wish to have your photo on your card please bring a picture (1” x ¾”) with you to class. Certification valid in WA, OR, ID, and MT. Please call for more information, 360.442.2840

Continuing Education for Electricians

LCC offers DOL approved electric courses taught by Wayne Wagner.

Grounding and Bonding for Trainees

This two-part course will cover the National Electrical Code grounding and bonding requirements according to article 250 in the 2011 NEC. Topics include grounding and bonding basics for services, transformers, generators, feeders, and branch circuits. This course will be presented in two four hour sessions a week apart. Please bring your copy of the 2011 edition of the NEC and if available a copy of Soares book on grounding and bonding for reference. Please contact Mary Harris at mharris@lowercolumbia.edu or 360.442.2602 for more information or to register DTV 201 (Wayne Wagner) \$75

IMT051 W 10/30-11/6 6-10 p.m.

2011 NEC Code Update: Analysis of Changes

This two-part course will review the major National electrical Code changes to the 2011 NEC using the ‘Analysis of changes’ power point presentation sponsored by NEC, NFPA, and IAEI. This course will be presented in two four hour sessions a week apart. Part I covers chapters 1 -4 and part 2 covers chapters 5 -8. Please bring your copy of the 2011 edition of the NEC and if available a copy of Analysis of Changes (2011) for reference. Please contact Mary Harris at mharris@lowercolumbia.edu or 360.442.2602 for more information or to register DTV 201(Wayne Wagner) \$75

IMT050 TH 11/14-11/21 6-10 p.m.

Food Handler Testing

See lowercolumbia.edu/foodhandler for more information.

LCC provides food handler training and testing for the Cowlitz County Health Department. The process consists of a 30 minute informational video, followed by a multiple-choice test. Study booklets are available free of charge at the LCC Admissions center or online at lowercolumbia.edu/foodhandler. Food handler cards are valid for 2 years in all counties of Washington State. Current WA state food handler card is required for renewal cards. Testing is available on a first come, first served basis. You must have photo ID with you at the time of the test. For additional information call 360.442.2353

iPhone/iPad (iOS) Application Developer-Online

Students learn to build dynamic iPhone and iPad applications. They receive intensive training on C-programming and Objective C disciplines and have the opportunity to demonstrate their skills, as they create their own functional application for a final project. Upon completing this program, students can pursue exciting career options. They can build application for companies and/or small businesses to increase client-interaction, explore ways to create apps to provide entertainment, build games, or invest applications for a vast quantity of purposes. \$1,995

Register at www.gatlineducation.com/lcubic

Medical Billing and Coding-Online

Gain the skills you need to begin work as a medical billing specialist, medical coder, or medical office manager. You'll get hands-on, practical experience working with the main coding manuals in the field, the ICD-9-CM and the CPT. Upon completion you will be eligible to register for, prepare for, and take the National Health career Association (NHA)'s Certified Billing and Coding Specialist (CBCS) certification examination. 240 hours. \$1595

Register at www.gatlineducation.com/lcubic

Continuing Education for Caregivers

Caregivers are required to take 12 hours of Continuing Education per year. Family caregivers, nursing students, medical assistants, RNs, and LPNs may also take these courses. Please check with your sponsoring agency to determine the appropriate courses.

All classes meet in the Don Talley Vocational Building. For more information about caregiver training, please contact: Mary Harris, Continuing Education Program Coordinator, 360.442.2602, mharris@lowercolumbia.edu.

Nurse Delegation

A self-study training course for Nursing Assistants who will accept and perform tasks delegated by a Registered Nurse (RN).

HIV/AIDS Education for Health Care Providers

LCC offers both 4- and 7-hour HIV/AIDS certification that meets Washington Department of Health Professional Licensing requirements. Contact Mary Harris, (360) 442-2602, for additional information or go to <http://tinyurl.com/6sps3o8>



Health & Wellness

Prime Time Fitness

This THREE component workout is designed to boost your metabolism and strengthen your entire body. BEGIN with the warm up and total body stretch to encourage flexibility, posture, and balance. ADD a series of weight strengthening exercises to shape and tone both upper and lower body. FINISH with a fun, calorie burning, low impact cardio workout designed to minimize stress on the back and joints. Wear comfortable clothing and bring a water bottle. Weights are available or bring your own. Classes are held at Trinity Lutheran Church. (Pat Smith) \$47

Session One

CLCE 031 A	2400	MW	9/9-10/30	9:15-10:45 a.m.
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Session Two

CLCE 031 B	2405	MW	11/4-1/8	9:15-10:45 a.m.
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Better Bones & Balance

Research shows that targeted exercise later in life slows bone loss and improves strength and balance which may reduce fall risk. This class is safe for individuals with osteoporosis and osteopenia. Better Bones and Balance will significantly slow the rate of bone loss, build muscle mass and improve balance and flexibility in adults of all ages! Bring a pair of indoor shoes, a mat, and hand weights (3, 4, or 5 pounds). Classes meet at the Youth and Family Link Gym. (Judy Bain) \$45

Session One

CLCE 036 A	2435	MW	9/16-11/20	7-7:50 a.m.
CLCE 036 B	2440	MW	9/16-11/20	8-8:50 a.m.
CLCE 036 C	2445	MW	9/16-11/20	9-9:50 a.m.

No class the last week of October.

Session Two

CLCE 036 A	2465	MW	12/2-2/12	7-7:50 a.m.
CLCE 036 B	2470	MW	12/2-2/12	8-8:50 a.m.
CLCE 036 C	2471	MW	12/2-2/12	9-9:50 a.m.

Beginning Better Bones & Balance

For beginners or anyone who prefers a lower intensity class. Please bring hand weights (3, 4, or 5 pounds). Classes meet at the Youth and Family Link Gym. (Judy Bain, Mary Ann Mabey) \$45

Session One

CLCE 036 D	2450	MW	9/16-11/20	10-10:50 a.m.
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No class the last week of October.

Session Two

CLCE 036 D	2475	MW	12/2-2/12	10-10:50 a.m.
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Basic Better Bones and Balance

This class is for you if you have not exercised for awhile, or you're being released from a medical injury. Stretching, strengthening and having fun is the basis for this class. Some standing and lots of chair exercising. The power of movement is what it's all about. Classes meet at the Youth and Family Link Gym. (Judy Bain) \$45

Session One

CLCE 036 E	2460	MW	9/16-11/20	11-11:50 a.m.
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No class the last week of October.

Session Two

CLCE 036 E	2476	MW	12/2-2/12	11-11:50 a.m.
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Low Impact Aerobics

This is a great way to increase stamina, flexibility and cardio endurance. Movements are gentle on the joints and easy to follow. From beginning to advanced levels of intensity, work at your own pace! Bring weights and a mat is optional. Classes meet at the Youth and Family Link Gym. (Judy Bain) \$14

Session One

CLCE 036 E 2455 TH 9/19-11/21 10:15-11:05 a.m.

Session Two

CLCE 036 F 2480 TH 12/5-2/13 10:15-11:05 a.m.

Essential Oils for Health Benefit in Homemade Products and Food

Essential oils bring us back to the basics. They are natural aromatic compounds found in the seeds, bark, stems, roots, flowers and other parts of plants. Believed to have a number of medicinal and therapeutic benefits, they can be used for a wide range of emotional and physical wellness applications. Discover ways to use essential oils with children and adults safely and effectively for health benefit as well as for mood management. Also discover how to make homemade personal care products with essential oils and also how to use essential oils to flavor your food. DTV 233 (Jennifer Bejcek) \$30 + \$25 Supply fee payable to instructor on the first night of class.

CLCE 026 A 2411 W 10/16 & 10/30, 11/13, 12/4 6:30-8 p.m.

Pilates Core Challenge

Pilates has been shown to improve range of motion, flexibility, circulation and posture! We will explore a series of NEW exercises each week, with some standard and advanced moves and still incorporate a few of the original exercises into each class. Pilates is a great workout for everyone, and you are encouraged to challenge yourself a little more each time! RCA 139 (Jayne Poole) \$78

Session One

CLCE 034 A 2410 MW 8/19-10/2 5:45-6:45 p.m.

Session Two

CLCE 034 B 2415 MW 10/7-11/20 5:45-6:45 p.m.

Pilates Core Challenge-Holiday Session

Join us for this 6-hour Pilates Core Challenge session! What a great way to give Pilates a try! RCA 139 \$36

CLCE 034 C 2416 MW 12/2-12/18 5:45-6:45 p.m.

Zumba Fitness!®

Ditch the workout and join the PARTY! The Zumba fitness program fuses hypnotic Latin rhythms and easy-to-follow moves. The routines feature interval training sessions where fast and slow rhythms and resistance training are combined to tone and sculpt your body while burning fat. Add some Latin flavor and international zest into the mix and you've got a Zumba class! Join the fun! RCA 139 (Tracy Davis) \$59

Session One

CLCE 030 B 2385 TTH 9/3-10/22 5:30-6:30 p.m.

Session Two

CLCE 030 B 2395 TTH 10/29-12/19 5:30-6:30 p.m.

**Aquatic Fitness**

Working practically every muscle in your body, swimming is an excellent exercise for improving strength, cardiovascular endurance and is gentle on the joints. Swimming is great for those who suffer from arthritis, fibromyalgia, or simply too much stress. Lap swim at your own pace if desired. Classes are held at Mark Morris Pool. (Tamora Haulk) \$79

CLCE 035 A 2430 MWF 9/9-12/20 11:50-12:35 p.m.

Luscious, Low fat, Lightning-Quick Meals-Online

You'll learn how to ferret out fat in recipes, and discover how to reduce fat without sacrificing flavor or texture. Explore how to use flavor profiling to expand your culinary horizons. Learn how to prepare casseroles, crock-pot dishes, vegan dishes and more. You'll have an opportunity to try out over 50 exciting and easy recipes. \$99

Register online at www.ed2go.com/lccbic

Computers & Technology

We all know technology isn't going away and is always changing. Let us help you embrace it!

Introduction to Photoshop Elements and Digital Photography

This course will introduce beginners to the basics of digital photography and Photoshop Elements. Classes will focus on resolution, color, composition and editing of photos before bring them to class, once in class you will learn to enhance photos using basic functions of Photoshop Elements and preparing photos for printing or uploading online. By the end of this course you should be able to take high resolution, well composed photos with a digital camera and use Photoshop Elements to enhance those photos. If you recently acquired a new digital camera or have photos you would love to enhance, this is for you! MAN 118 (Christa Harden) \$50

CLCE 041 A 2281 F 9/27-10/25 7-9 p.m.

Photoshop Basics for the Next Generation-NEW

This is a terrific course for students in Middle and High school, looking to develop their skills using Photoshop. Learn to edit, crops, resize your photos and so much more. Discover what you can do with your photos, such as cards, calendars and more! Ages 12+ MAN 118 (Hanna Burleson) \$39

CLCE 041 B 2282 SAT 11/16/13 9a.m.-12 p.m.



Computer Basics 1

Create a foundation by learning basic skills that can be used with Windows XP, Windows Vista, and Windows 7. Learn to create, save and open simple documents and files. The instructor will help you feel comfortable with practice, repetition and clear understandable instructions. He will also be able to answer the questions about computers that you never understood and didn't know how to ask. VOC 113 (David Juneman) \$ 39

CLCE 001 A 2265 F 9/27-10/11 3:30-5:30 p.m.

Computer Basics 2

This class emphasizes file management. Be more productive; make folders, move and organize files, and find lost files. Learn keyboard shortcuts, basic computer maintenance and new Windows skills. We will also learn to create basic Word and Excel documents. Basic computer skills or Computer Basics required. AAR 109C (David Juneman) \$39

CLCE 002 A 2270 F 10/18-11/8 3:30-5:30 p.m.

Internet and More

Learn how to search the Web, use Facebook, create your Favorites, download software and use "tabbed" browsing. Find out how to send attachments and study the basics of email etiquette. This is the class you don't want to miss! Computer Basics or basic computer skills are required. AAR 109C (David Juneman) \$49

CLCE 004 A 2275 F 11/15-12/13 3:30-5:30 p.m.

At LCC, Continuing Education we know your time is stretched. Balancing family commitments and work obligations can often be difficult. With this in mind, we have worked to develop a two-day computer training series, focusing on Microsoft programs such as Excel and PowerPoint. This two day training will provide you an opportunity to brush up on your computer skills and knowledge, without taking up too much time. Classes begin Fall 2013, please contact the Continuing Education office for more details, 360.442.2840.

Introduction to Illustrator CS6-Online

If you want to get a job as a graphic artist, you need to learn Adobe Illustrator. In this course, you'll see how Adobe Illustrator CS6 can give you the power to design, draw and color images quickly and easily. From drawing objects with the shape tools to mastering the all-important Pen tool to working with shape gradients, you'll gain the techniques you need to produce stunning vector graphics. \$99

Register at www.ed2go.com/lcubic

Lower Columbia College, Continuing Education is proud to partner with LERN, an international Continuing Education resource center, to offer UGotClass. UGotClass offers high quality, online professional certifications and individual courses. They offer a number of professional development, non-credit courses typically lasting one-month and offered three to four times a year. Students can access their online learning day or night with UGotClass!

- Social Media for Business
- E-Marketing Essentials Certificate
- Online Teaching and Learning
- Courses for Teachers K-12

For a complete listing of courses and professional certificates, please visit www.yougotclass.org/catalog.cfm/LCC

The Arts

Metal Art

Enter the world of making junk into art! This class will inspire you to find scraps and assist you in exploring different techniques to express your creative side. You will learn safety and welding techniques develop and understand different materials and how to manipulate them. You will explore different forms of metal sculptures and even produce a work of your own art by class end. Make money selling your reformed junk; this industry is growing and in demand. Junk will never look the same! LCC Welding Shop (Allan Evald and Brad Bender) \$99

CLCE 019 A 2305 M 9/23-12/9 6-8 p.m.



Thinking Inside the Box

This class will investigate artistic imagery contained within a box or other enclosed structure. Assemblage, the process of combining visual elements inside a container, has a rich history. From ancient reliquaries, through Victorian shadow boxes, and contemporary photographic montages, the power of the box has endured. The resultant depth and shadowing of the imagery produces a psychological power that isn't possible in traditional 2 dimensional art works. We will cover ideas for finding and creating visual elements, as well as techniques for constructing boxes, niches, drawers and sourcing existing containment objects. MAN 109 (Max Wade) \$75

CLCE 027 B 2337 M 9/23-11/18 5-7 p.m.

Drawing Essentials

The focus in this course is on the development and refinement of time-tested drawing techniques. We will investigate and introduce techniques of light and shadow, perspective, proportion, visual measuring, and texture. Along with essential techniques, students will be introduced to a wide variety of tools and surfaces for drawing, both traditional and unconventional. This is a great course of study for relatively new artists who wish to establish a solid drawing foundation, and artists with experience who want to refine specific aspects of their work. DTV 201 (Max Wade) \$75

CLCE 027 A 2335 T 9/24-11/19 5-7 p.m.

Painting Techniques

Gain control of the art of painting. We will take painting from palette layout to finished works through the investigation of tools, material handling, color mixing, and traditional techniques. The class is designed for those who are embarking on painting as well as those with experience who want to refine their skills and techniques. Although acrylics will be preferred, students with experience who work in oils are encouraged to use that medium. MAN 109 (Max Wade) \$75

CLCE 027 B 2336 W 9/25-11/20 5-7 p.m.

Drawing for the Next Generation-NEW

Take part in drawing essentials for Middle and High school students. Develop and refine a sound foundation in drawing techniques. We will investigate and experiment with a variety of traditional drawing techniques including perspective, value, proportion, texture, and composition. Students will learn methods for determining subject matter, as well as maintaining sketch journals. Students will be encouraged to develop their own style and narrative. Ages 12+ DTV 201 (Max Wade) \$50

CLCE 027 B 2338 TH 9/26-10/24 5-7 p.m.

Community Choir

Every voice matters in this class of community members. Participate and harmonize with peers as you expand and develop your vocal range. You will also have the opportunity to perform in the Rose Center! RCA 102 (Gina Osborn)

CLCE 020 A 2310 M 9/23-12/2 7-9 p.m.

Symphonic Band

Non-credit section for community members. Offers rehearsal and performances of standard concert band repertoire. Activities of this college/community band include performances for special civic events in community and public concerts. Instructor approval is required to enter this course. RCA 102 (Rob Davis)

CLCE 023 A 2315 TH 9/26-12/5 7-9 p.m.

Jazz Ensemble

Non-credit section for community members. Preparation and performance of literature from the jazz idiom appropriate from small to large jazz ensemble for required on and off campus concerts. Jazz literature from the swing era to the present will include bebop, rock, funk, fusion and blues. Prior knowledge of jazz improvisation not required. Open to trumpet, trombone, all saxophone, drum, bass, and guitar players with strong musical skills and good music reading abilities. Prerequisite: Audition or approval by instructor. RCA 102 (Rob Davis)

CLCE 026 A 2330 M 9/23-12/2 7-8:40 p.m.

Jam Band

Non-credit section for community members. Explore and develop small group performance skills through a variety of genres, including rock/pop/blues with an emphasis on arrangement and composition. Vocalists and instrumentalists (drum, guitar, bass, keyboards, etc.) will form groups and arrange existing and original compositions. The course will culminate in a performance and recording. Proficiency in voice or instrument. Prerequisite: Instructor permission required. RCA 218 (Michael Kohlmeier)

CLCE 022 B 2325 TTH 9/24-12/3 3:30-5:10 p.m.

Writing & Languages**Fundamentals of Technical Writing-Online**

Do you have a knack for explaining complex subjects in a way that makes them easy to understand? If so, you should consider entering the field of technical writing. This course will teach you the skills you need to succeed as a technical writer. You will learn how to translate complex information into easily understood language, and how to become a wizard at marrying the art of publishing with the science of technology. \$99

Register at www.ed2go.com/lcchic

How to Make Money from your Writing-Online

In just six-weeks, you'll get secrets, methods, and tips to help you generate income with your writing. This class includes all the practical information that so rarely gets taught in writing classes. You'll explore a dozen genres that can help you establish a sometime, part-time, or full-time career as a writer. \$99

Register at www.ed2go.com/lcchic

Workplace Spanish

Command Spanish®, Inc. is the country's pioneer and leading provider of Spanish language training for the workplace.

- Business and Industry
- Education
- General Interest
- Healthcare
- Law Enforcement, Corrections, & Probation
- Public Safety



These courses are offered online. For only \$69 you will have access to the coursework for 4 months!

www.lowercolumbia.edu/commandspanish

Spanish for Financial Institutions

The course teaches the Spanish that banking and credit union personnel need in order to complete various transactions with Spanish-speaking clients. Topics include: verifying client identification and account information; determining transactions, including deposits and withdrawals, cashing checks, and purchasing money orders and certified checks. This course is for any financial professional who needs to communicate with their Spanish-speaking clients. Your course will remain active for 120 days and will take approximately 20 hours to complete.

Spanish for the Workforce

If you have Spanish-speaking employees in your workplace who speak limited or no English, Spanish for the Workforce was created for you. This course focuses on such topics as: the hiring process, explaining work schedules and pay, describing work rules and regulations, and safety issues. This program is designed to be applicable in the supervision of a wide range of Spanish-speaking workers who are employed in areas such as construction, agriculture (farms, ranches, and orchards), landscaping, meatpacking, janitorial services, factories, warehousing and manufacturing facilities. Your course will remain active for 120 days and will take approximately 30 hours to complete.

Still available for Summer 2013



Kids College: Sessions available in July and August, call for details! 360.442.2840

Recycled Art

Item #1616 7/23-8/8 5-7 p.m. \$50

Day Trip to Hood River

Item #1711 8/15 9 a.m.-4 p.m. \$20

Better Bones and Balance

7/8-8/28 various times \$45

Social Media Hot Line

Item #1588 7/20 9 a.m.-12 p.m. \$39

Travel & Outdoors

Live a little – experience Washington and the world we live in!

Mt. Angel Oktoberfest

Oregon's oldest and best loved Oktoberfest began in 1966 as a traditional harvest to celebrate all the land had to offer. It has now become one the largest folk festivals around! With over 50 Alpine food chalets serving a variety of food, traditional Biergarten, Weingarten and Alpinegarten, old world glockenspiel performances, and a huge arts and crafts show, this is an event not to be missed! Join us for the drive to Mt. Angel and Oktoberfest! Transportation to and from event is included. \$25

CLCE 000 A 2491 F 9/13 9 a.m.-4 p.m.

Whitewater Rafting the Tieton River

The Tieton River, located near Yakima in the Snoqualmie National Forest, roars with over 14 miles of endless class III+ whitewater excitement. Rimrock dam releases the whole month of September feeding the mighty Tieton and creating intense rapids like "High Noon" and "Waffle-wall." Age Requirement: 10 years old. (Wildwater River Guides) \$69

Trip 1

CLCE 039 A 2485 SUN 9/15 9 a.m.-1 p.m.

Trip 2

CLCE 039 B 2490 SUN 9/29 1:30-5:30 p.m.

America's Largest Christmas Bazaar

Since 1982, this bazaar has become a holiday tradition. With nearly 400 booths of handcrafted products and 500 booths of selected commercial products, this event is a great way to start your holiday shopping! This holiday event has been produced by the same small local company for 31 years, focusing on innovation and creativity. You're sure to find unique, quality made holiday gifts. Transportation to and from the Expo Center will be provided. Entrance fee to be paid at the door; Adults \$7, Seniors (65+) \$6 (not included in registration fee). \$20

CLCE 000 B 2327 F 12/6 9 a.m.-4 p.m.





Mail to: **Continuing Education**
 1600 Maple, PO Box 3010
 Longview, WA 98632
 Phone: 360.442.2840

Year **2013**

Winter
 Spring

Summer
Fall

Sign up now! Continuing Education

_____ X _____
 **Student ID (if known) DOB (mm/dd/yyyy) Signature (required for enrollment)

_____ _____ _____ _____
 Last Name First Name Middle Initial Previous Last Name

_____ _____ _____ _____
 Mailing Address City State Zip Code

_____ _____ _____ _____
 E-mail Address Home Phone Work Phone Cell Phone

ENROLLMENT INFORMATION

Item#	Course Description	Dept.	Course	Section	Room	Days	Time	Date	Fees
1111	Sample Course Title	CLCE	9999	A	AAR 201	Th	7 p.m.	10/15	\$ 49
Total									

Have you ever attended classes at LCC?

Yes No Last year attended _____

How did you hear about this class?

Any other classes you'd like to see at LCC?

Mail your completed form with payment to complete enrollment.

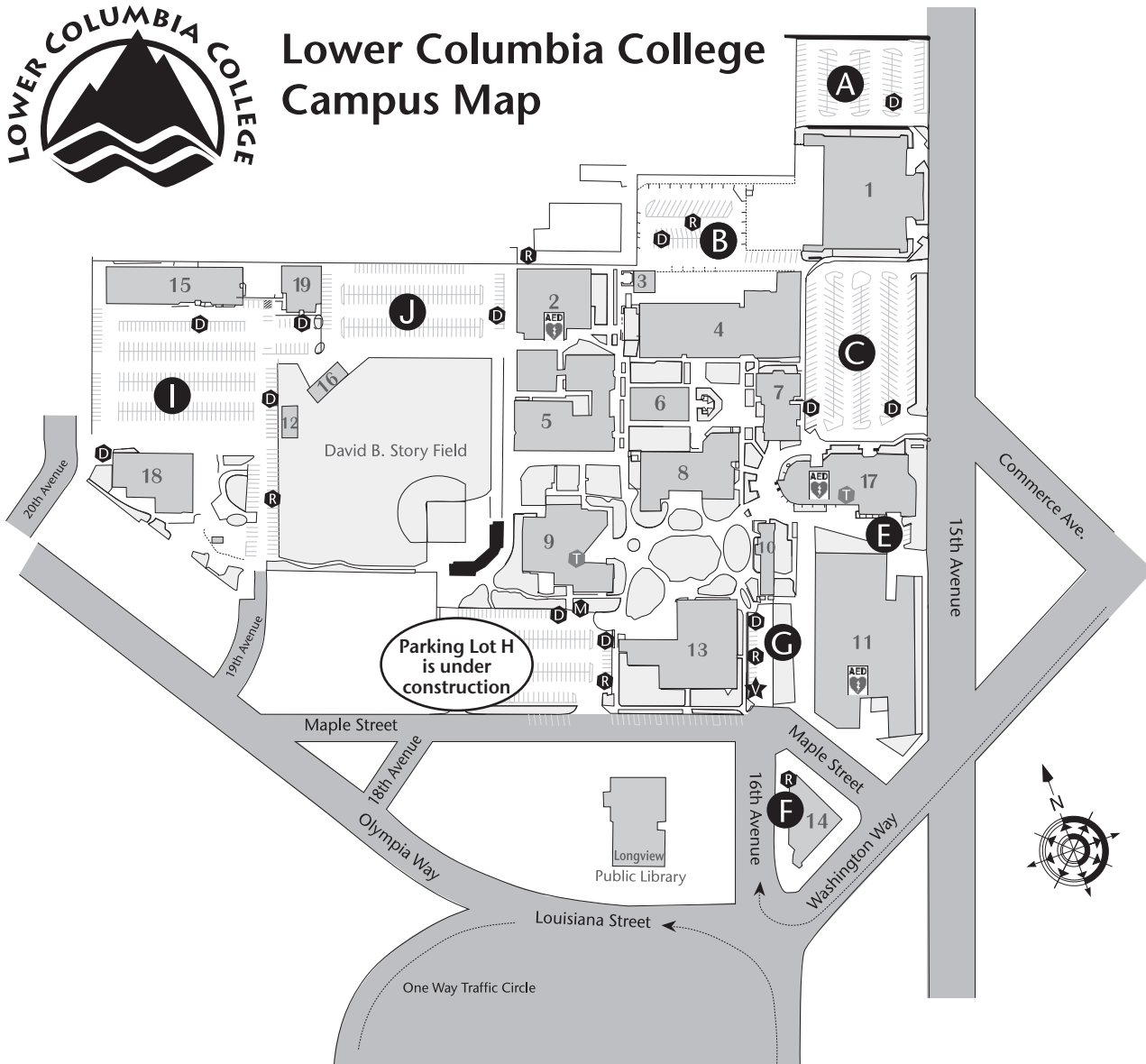
REFUND POLICY: Written notice must be received 3 business days prior to the course start date in order to receive a refund on courses you have enrolled in. Refunds will be issued automatically if a course is closed or canceled.

Class enrollment is first-come, first-served. Register early to secure your place in your preferred courses

***The Student ID # is assigned by Lower Columbia College to provide specific identification for every student. Your Student ID Number is NOT your Social Security number.*



Lower Columbia College Campus Map



Visitors may park in regular (not reserved) space long enough to pick up a Visitor's Parking Pass from the cashier's window in the Admissions Center (#8)
Thirty-minute Visitor Parking is in Lot G

- A - J** Parking Lots
- D** Disabled Parking
- R** Reserved Parking
- M** Motorcycle Parking
- T** Telephones
- ★** Visitors
- AED** External Defibrillator (AED)

- | | | |
|----------------------------------|---|--|
| 1. Don Talley Building (DTV) | 8. Admissions Center (ADC) | 15. Head Start/
Home & Family Life Center (HFL) |
| 2. Myklebust Gymnasium (GYM) | 9. Library - Alan Thompson (LIB) | 16. Batting Barn (BTB) |
| 3. Steam Plant (SPL) | 10. Instructional Office Building (IOB) | 17. Student Center (STC) |
| 4. Vocational Building (VOC) | 11. Rose Center for the Arts (RCA) | 18. Campus Services Building (CMS) |
| 5. Applied Arts Building (AAR) | 12. International Center (INC) | 19. Head Start East Building (HSE) |
| 6. Science Building (SCI) | 13. Main Building (MAN) | |
| 7. Physical Science Center (PSC) | 14. Administration Building (ADM) | |

Note: Buildings are not physically numbered. The numbers on this map are for key purposes only.



1600 Maple Street
PO Box 3010
Longview, WA 98632-0310

PERIODICALS

WSS CAR-RT PRESORT
RESIDENTIAL CUSTOMER

LCC Activities Benefit Students and Our Community

Lower Columbia College students have many opportunities outside the classroom to have fun, serve their community and experience new cultures. Campus clubs, co-curricular groups, organizations and an active Student Government program teach leadership skills and enrich academic studies. For more information visit: lowercolumbia.edu/clubs



*Top to bottom:
LCC Student Nurses assist with Habitat for Humanity project.
Red Devil Days is sponsored each spring by ASLCC.
Co-curricular groups like choir provide activities beyond the classroom.*



Clubs

American Sign Language
Anime
Chemistry
Dance
Electric Vehicle
Engineering
English as a Second Language
LGBT/Straight Alliance
Multicultural
Sci-Fi
Pottery (SLIP)
Sustainability
Transfer
Welding
Zen

Co-curricular Groups

Choir
Drama – CenterStage
Fencing
Forensics/Debate
Salal Review/Spring Arts Festival
Symphonic & Jazz Band

Organizations

Global Medical Brigades
Northwest Collegiate Ministries
Phi Theta Kappa
Rotaract
Student Nurses
Veterans Voices